

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137487.D
 Acq On : 04 Mar 2024 18:19
 Operator : CG\JU
 Sample : P1662-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352MSD

Quant Time: Mar 04 23:18:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	233013	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	920921	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	508426	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	836285	20.000	ng	0.00
76) Chrysene-d12	14.045	240	420632	20.000	ng	0.00
86) Perylene-d12	15.568	264	471388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1908306	124.036	ng	0.02
7) Phenol-d6	6.510	99	2464631	110.980	ng	0.00
23) Nitrobenzene-d5	7.422	82	1830087	92.335	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	644770	144.410	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2785246	85.753	ng	0.00
79) Terphenyl-d14	12.986	244	2861876	93.559	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	325718	38.719	ng	99
3) Pyridine	3.599	79	720511	35.513	ng	99
4) n-Nitrosodimethylamine	3.546	42	391911	47.711	ng	94
6) Aniline	6.528	93	912504	33.627	ng	# 81
8) 2-Chlorophenol	6.651	128	772880	47.628	ng	99
9) Benzaldehyde	6.416	77	309472	28.444	ng	99
10) Phenol	6.522	94	955960	39.993	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	845651	48.279	ng	99
12) 1,3-Dichlorobenzene	6.798	146	727637	41.963	ng	99
13) 1,4-Dichlorobenzene	6.875	146	741253	41.781	ng	98
14) 1,2-Dichlorobenzene	7.022	146	717191	44.042	ng	99
15) Benzyl Alcohol	7.004	79	743395	53.769	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1242356	41.262	ng	89
17) 2-Methylphenol	7.116	107	634764	41.804	ng	97
18) Hexachloroethane	7.363	117	250067	42.807	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	602550	43.938	ng	97
20) 3+4-Methylphenols	7.269	107	724202	41.644	ng	95
22) Acetophenone	7.269	105	1053448	47.278	ng	# 96
24) Nitrobenzene	7.439	77	915784	45.996	ng	99
25) Isophorone	7.675	82	1758159	46.692	ng	100
26) 2-Nitrophenol	7.751	139	401209	50.756	ng	99
27) 2,4-Dimethylphenol	7.792	122	574380	38.888	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	1050373	47.543	ng	100
29) 2,4-Dichlorophenol	7.992	162	666451	49.164	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	656487	46.020	ng	100
31) Naphthalene	8.157	128	2149346	43.500	ng	100
32) Benzoic acid	7.792	122	574380	64.965	ng	# 14
33) 4-Chloroaniline	8.210	127	499078	25.759	ng	99
34) Hexachlorobutadiene	8.269	225	363565	43.169	ng	99
35) Caprolactam	8.586	113	126198	27.455	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	724168	47.792	ng	97
37) 2-Methylnaphthalene	8.845	142	1386865	44.029	ng	100
38) 1-Methylnaphthalene	8.945	142	1279653	43.139	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	665010	46.851	ng	99
41) Hexachlorocyclopentadiene	8.998	237	521330	88.971	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	456448	49.382	ng	99

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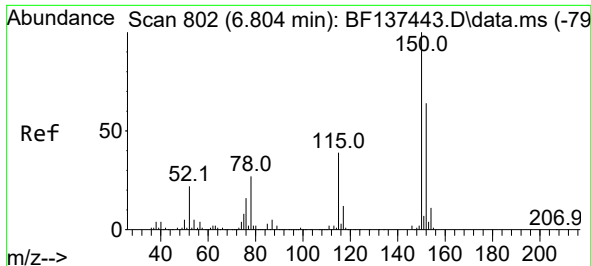
Quant Time: Mar 04 23:18:05 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	475190	44.628	ng	97
46) 1,1'-Biphenyl	9.316	154	1712191	46.011	ng	100
47) 2-Chloronaphthalene	9.339	162	1359623	47.922	ng	99
48) 2-Nitroaniline	9.439	65	502986	52.160	ng	95
49) Acenaphthylene	9.757	152	2141038	47.156	ng	99
50) Dimethylphthalate	9.622	163	1670190	47.191	ng	99
51) 2,6-Dinitrotoluene	9.686	165	366140	49.461	ng	93
52) Acenaphthene	9.928	154	1210970	44.675	ng	99
53) 3-Nitroaniline	9.857	138	307121	39.223	ng	93
54) 2,4-Dinitrophenol	9.963	184	35630	17.079	ng	87
55) Dibenzofuran	10.098	168	1856969	44.979	ng	99
56) 4-Nitrophenol	10.028	139	377506	68.458	ng	94
57) 2,4-Dinitrotoluene	10.092	165	451257	49.617	ng	95
58) Fluorene	10.445	166	1405846	44.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	368035	43.103	ng	92
60) Diethylphthalate	10.328	149	1553898	46.493	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	692323	44.554	ng	93
62) 4-Nitroaniline	10.475	138	312169	46.386	ng	97
63) Azobenzene	10.598	77	1812536	47.097	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	63360	13.594	ng	95
66) n-Nitrosodiphenylamine	10.563	169	1294855	48.083	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	459346	50.430	ng	97
68) Hexachlorobenzene	10.992	284	493310	53.621	ng	94
69) Atrazine	11.098	200	433681	52.975	ng	98
70) Pentachlorophenol	11.192	266	313488	56.368	ng	99
71) Phenanthrene	11.410	178	2148417	47.205	ng	98
72) Anthracene	11.463	178	2199922	47.063	ng	100
73) Carbazole	11.622	167	1906912	47.626	ng	99
74) Di-n-butylphthalate	11.963	149	2334517	49.006	ng	100
75) Fluoranthene	12.610	202	1953321	43.907	ng	96
77) Benzidine	12.739	184	595876	57.887	ng	97
78) Pyrene	12.839	202	1950792	47.265	ng	99
80) Butylbenzylphthalate	13.468	149	626234	59.411	ng	97
81) Benzo(a)anthracene	14.033	228	1456600	49.407	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	408496	52.031	ng	99
83) Chrysene	14.074	228	1460963	49.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	801305	59.810	ng	# 98
85) Di-n-octyl phthalate	14.663	149	1495075	56.746	ng	100
87) Indeno(1,2,3-cd)pyrene	17.156	276	1467196	47.297	ng	99
88) Benzo(b)fluoranthene	15.121	252	1411800	50.630	ng	99
89) Benzo(k)fluoranthene	15.151	252	1449654	48.402	ng	99
90) Benzo(a)pyrene	15.510	252	1351875	49.197	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	1169903	46.491	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1111053	42.992	ng	99

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

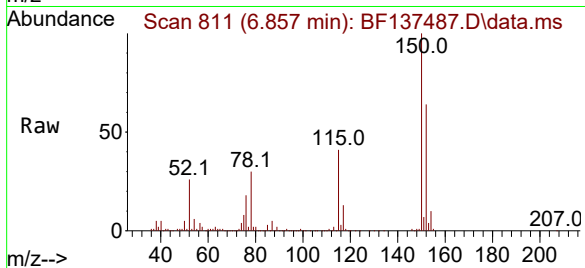
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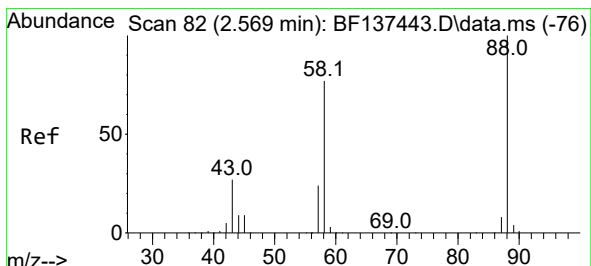
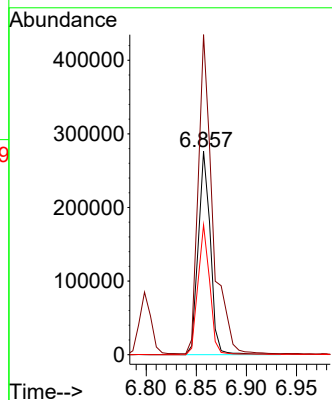
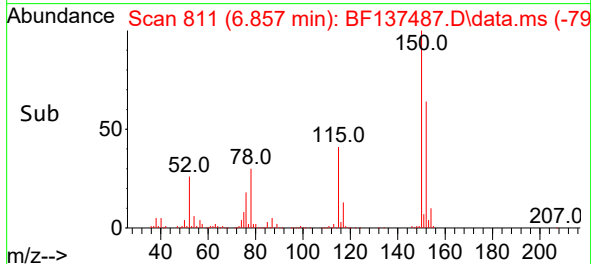


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF137487.D
 Acq: 04 Mar 2024 18:19

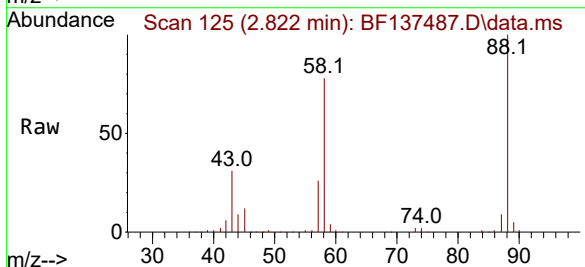
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 ETGI-352MSD



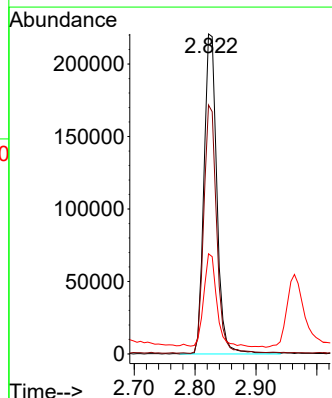
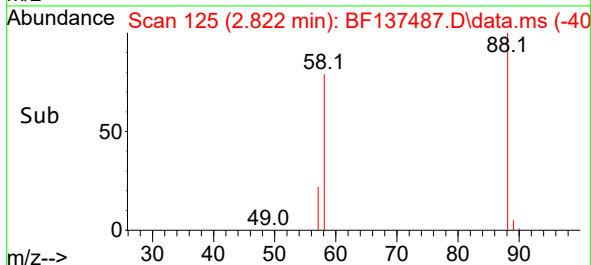
Tgt Ion:152 Resp: 233013
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.8 188.6
 115 63.8 48.8 73.2

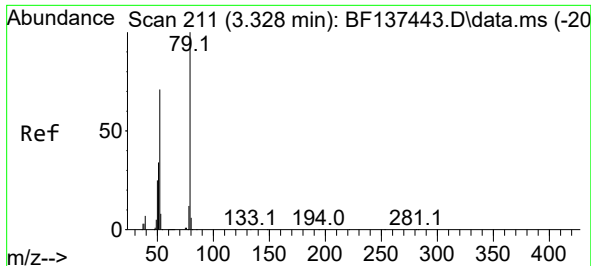


#2
 1,4-Dioxane
 Concen: 38.719 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.147 min
 Lab File: BF137487.D
 Acq: 04 Mar 2024 18:19



Tgt Ion: 88 Resp: 325718
 Ion Ratio Lower Upper
 88 100
 58 77.5 61.8 92.8
 43 28.8 22.2 33.4

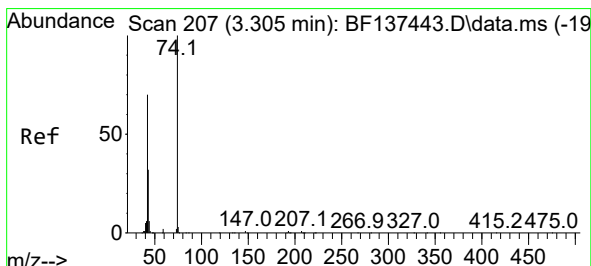
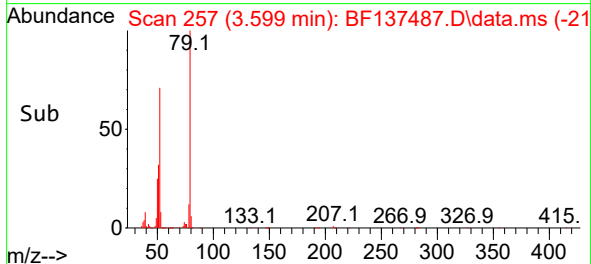
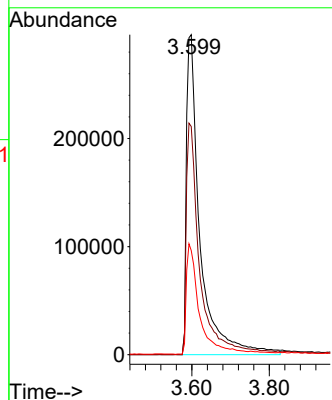
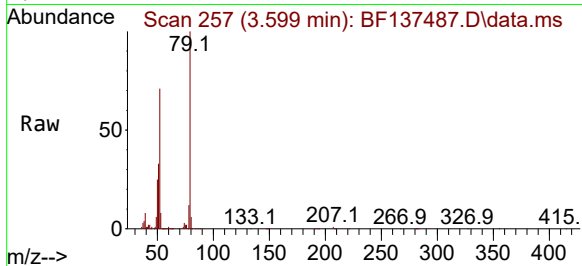




#3
Pyridine
Concen: 35.513 ng
RT: 3.599 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

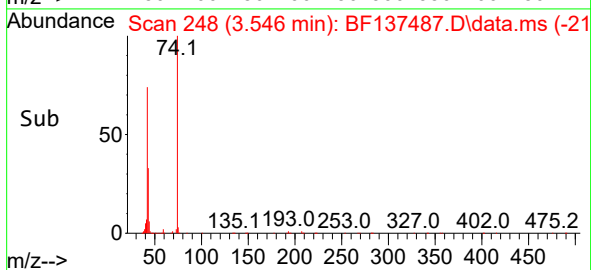
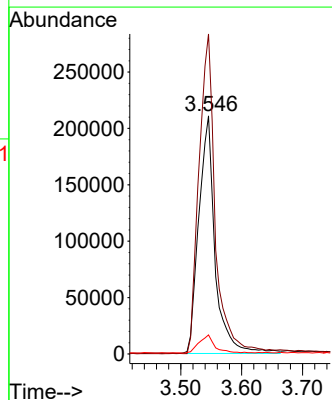
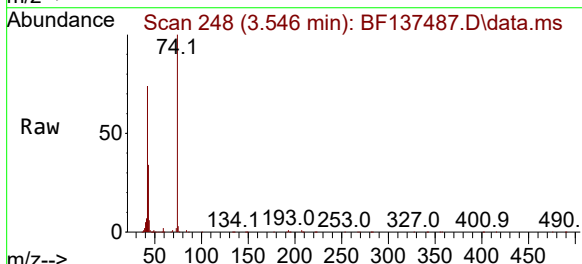
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

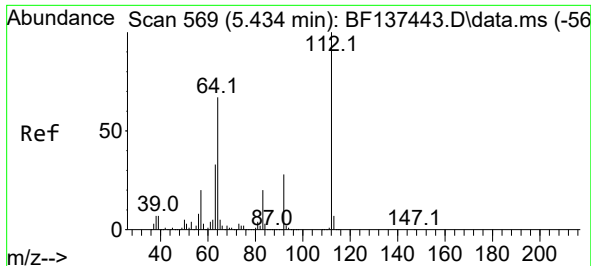
Tgt Ion: 79 Resp: 720511
Ion Ratio Lower Upper
79 100
52 71.3 57.0 85.4
51 32.6 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 47.711 ng
RT: 3.546 min Scan# 248
Delta R.T. 0.100 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion: 42 Resp: 391911
Ion Ratio Lower Upper
42 100
74 134.4 114.0 171.0
44 8.0 7.0 10.4

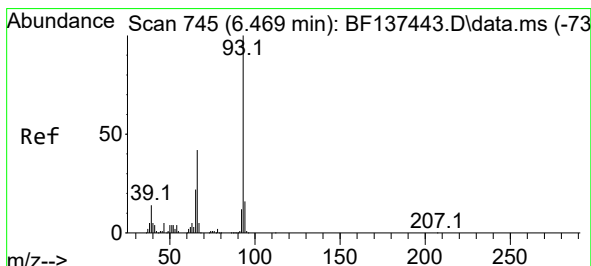
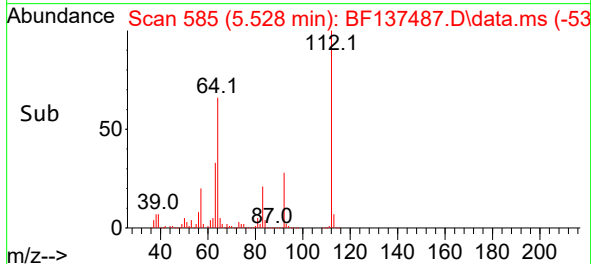
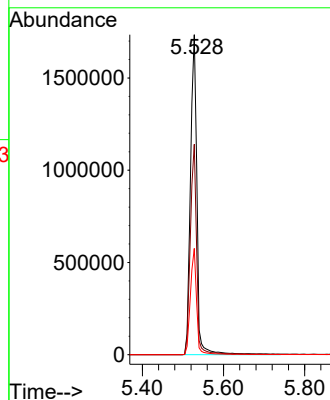
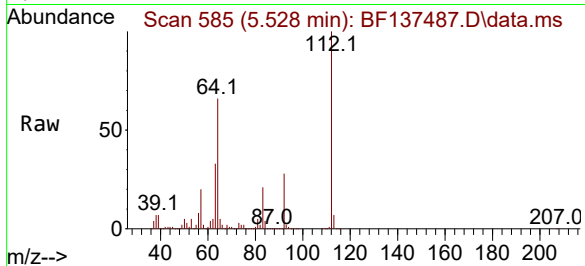




#5
2-Fluorophenol
Concen: 124.036 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

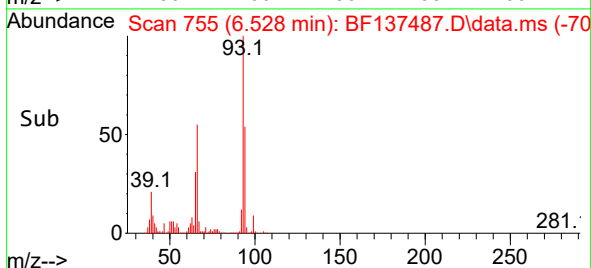
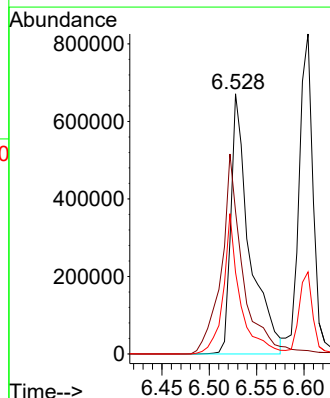
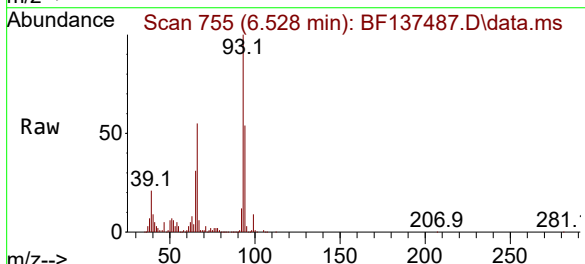
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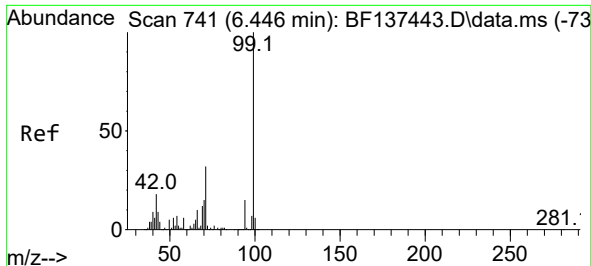
Tgt Ion:112 Resp: 1908306
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 33.2 26.2 39.2



#6
Aniline
Concen: 33.627 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion: 93 Resp: 912504
Ion Ratio Lower Upper
93 100
66 54.7 34.0 51.0#
65 31.3 17.8 26.8#

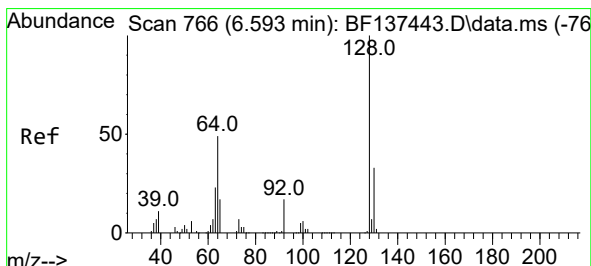
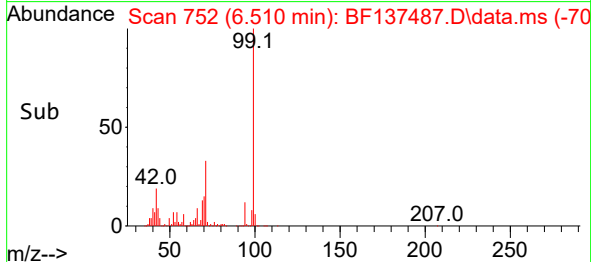
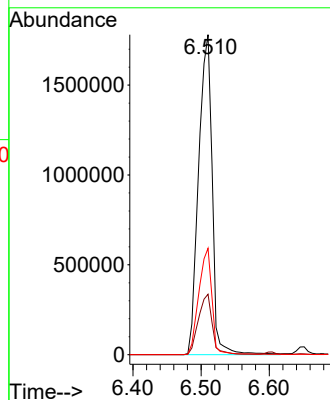
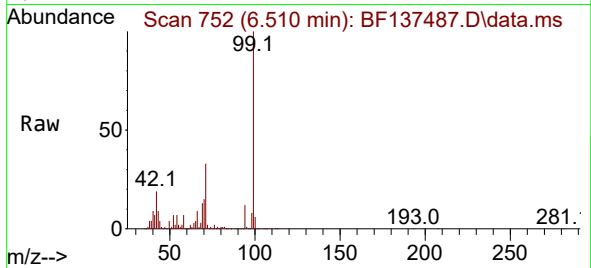




#7
Phenol-d6
Concen: 110.980 ng
RT: 6.510 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

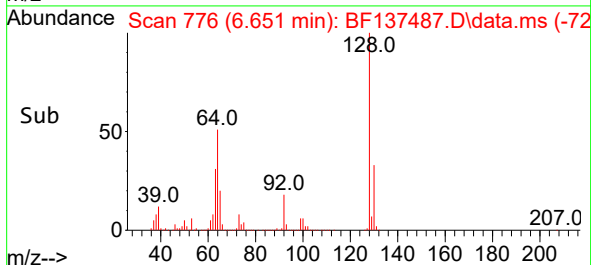
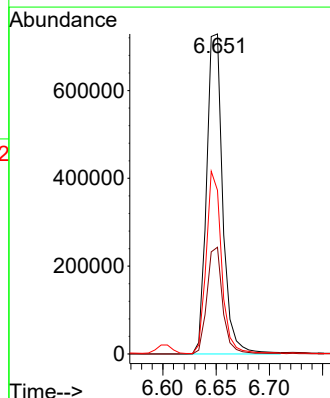
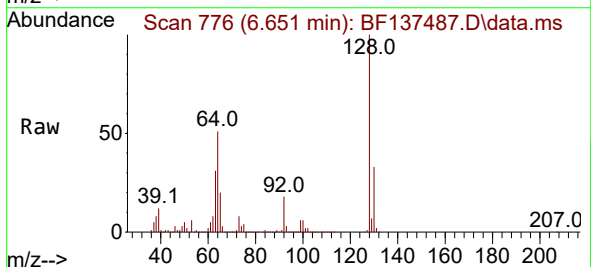
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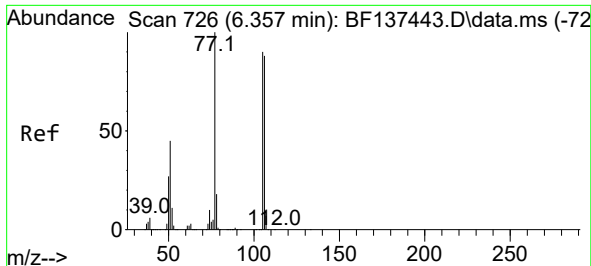
Tgt Ion: 99 Resp: 2464631
Ion Ratio Lower Upper
99 100
42 18.9 14.6 21.8
71 33.3 25.3 37.9



#8
2-Chlorophenol
Concen: 47.628 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion: 128 Resp: 772880
Ion Ratio Lower Upper
128 100
130 33.4 13.4 53.4
64 51.1 30.0 70.0

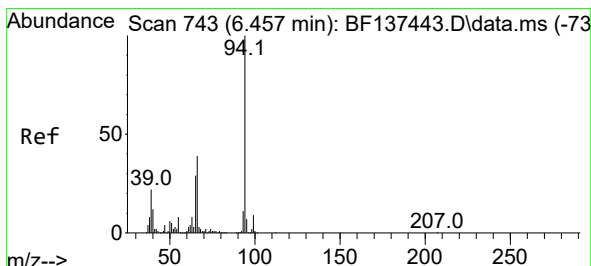
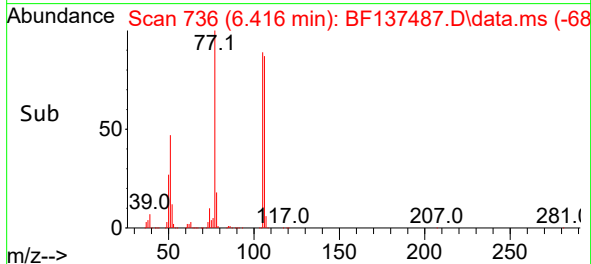
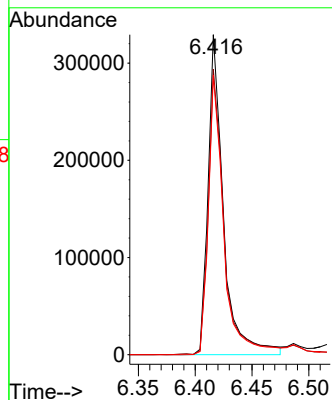
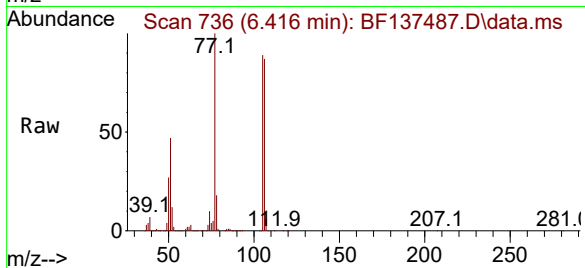




#9
Benzaldehyde
Concen: 28.444 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

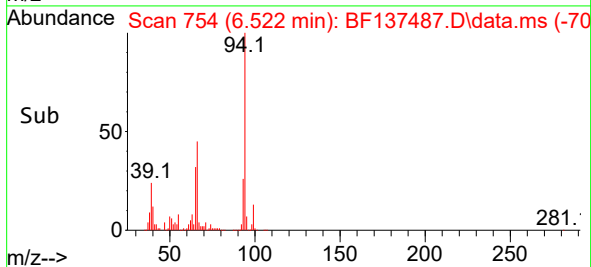
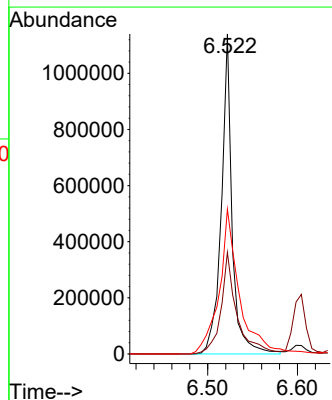
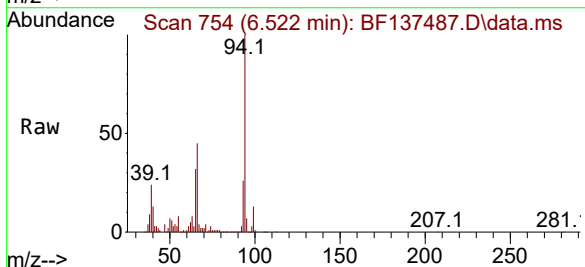
Instrument :
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ClientSampleId :
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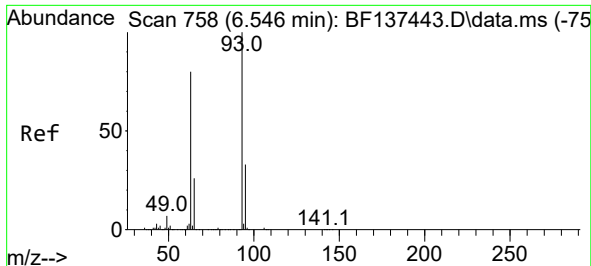
Tgt Ion: 77 Resp: 309472
Ion Ratio Lower Upper
77 100
105 89.2 69.8 109.8
106 87.4 67.8 107.8



#10
Phenol
Concen: 39.993 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion: 94 Resp: 955960
Ion Ratio Lower Upper
94 100
65 31.8 8.7 48.7
66 45.3 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 48.279 ng

RT: 6.604 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

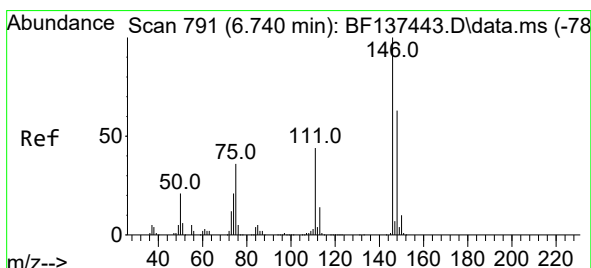
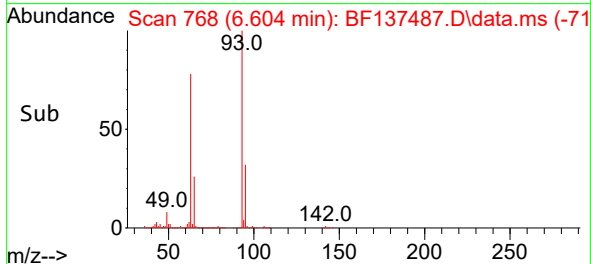
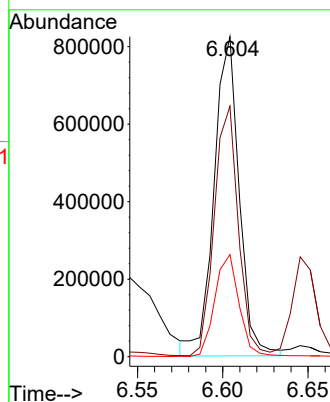
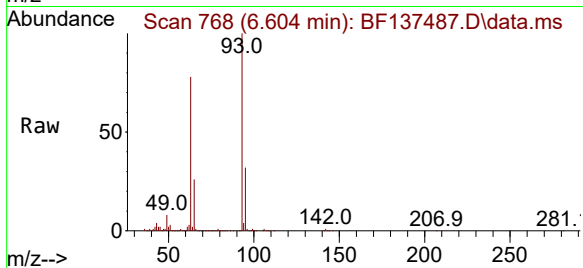
Tgt Ion: 93 Resp: 845651

Ion Ratio Lower Upper

93 100

63 78.2 58.9 98.9

95 31.9 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 41.963 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

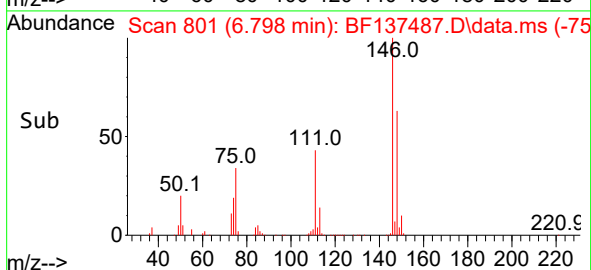
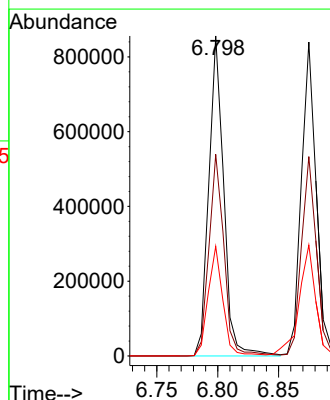
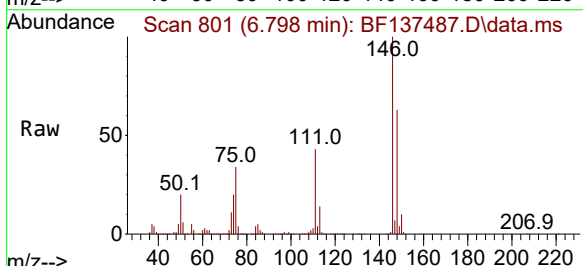
Tgt Ion:146 Resp: 727637

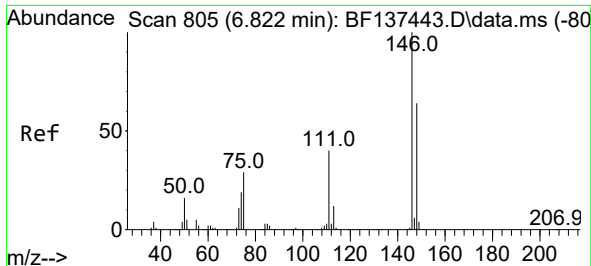
Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

75 34.2 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 41.781 ng

RT: 6.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

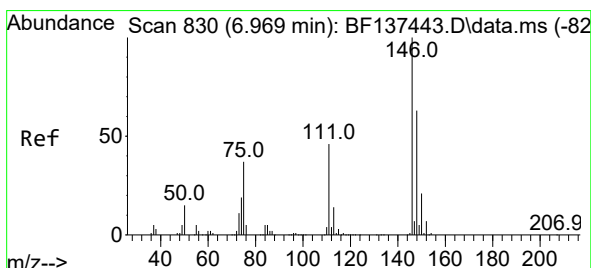
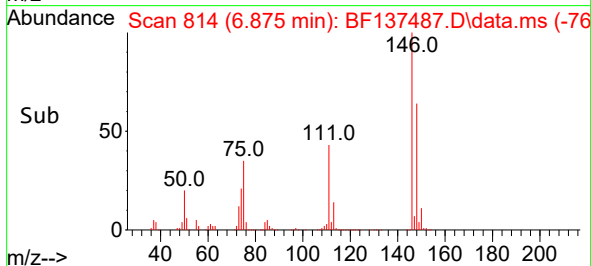
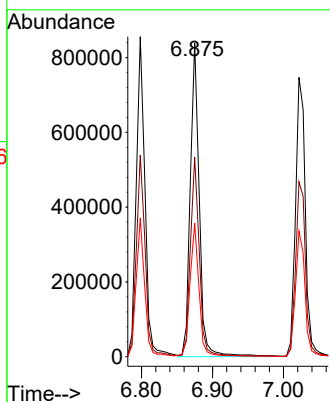
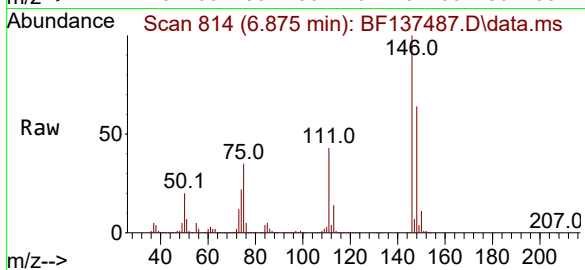
Tgt Ion:146 Resp: 741253

Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

111 42.6 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 44.042 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

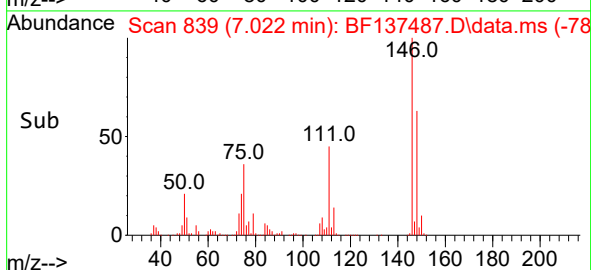
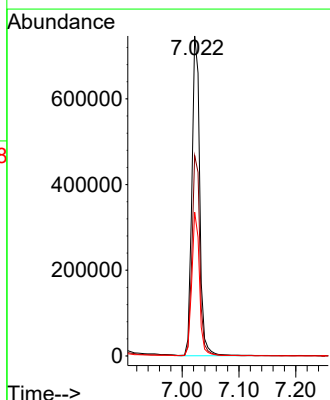
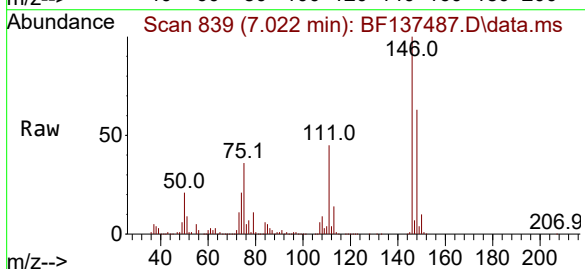
Tgt Ion:146 Resp: 717191

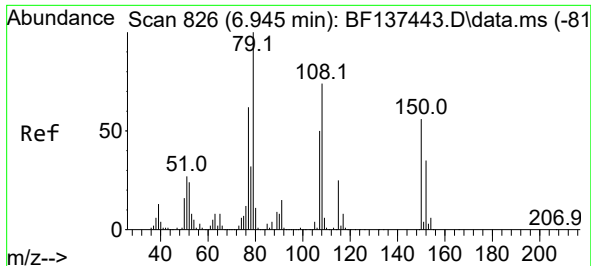
Ion Ratio Lower Upper

146 100

148 62.6 50.0 75.0

111 45.0 36.8 55.2

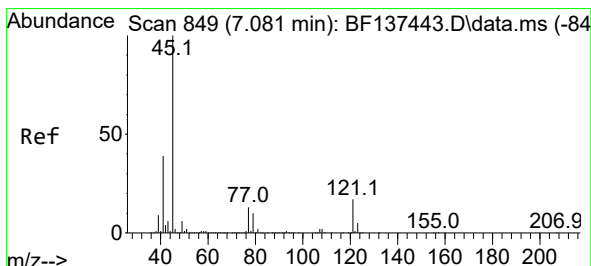
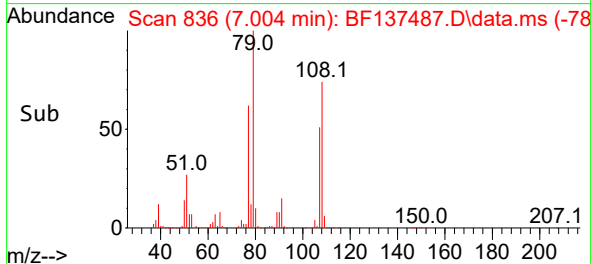
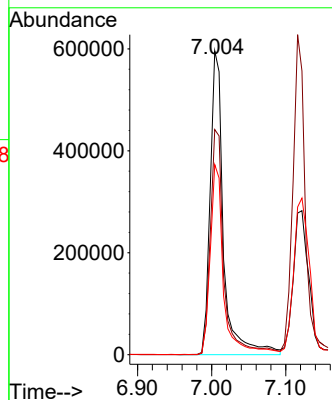
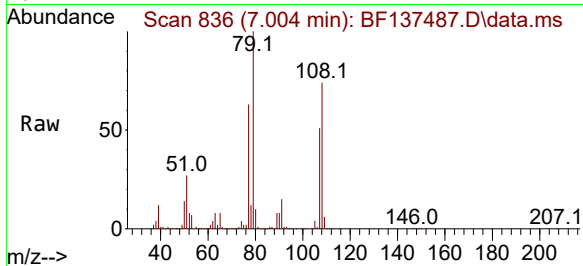




#15
Benzyl Alcohol
Concen: 53.769 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

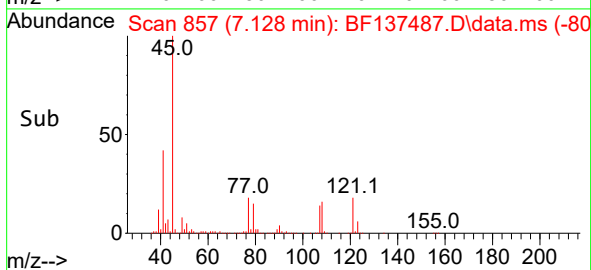
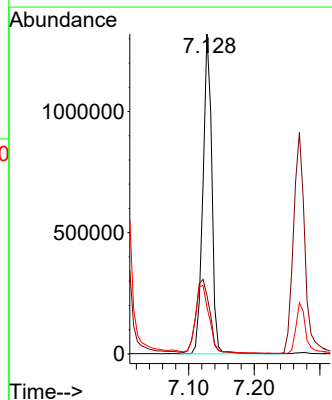
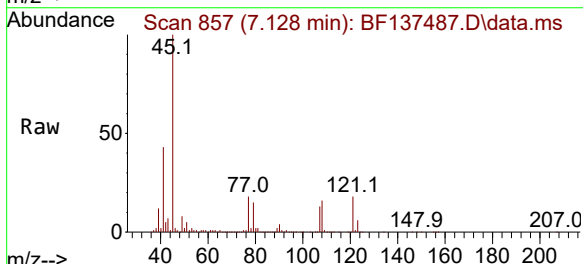
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

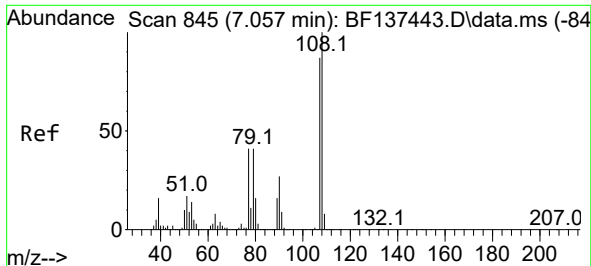
Tgt Ion: 79 Resp: 743395
Ion Ratio Lower Upper
79 100
108 74.1 59.5 89.3
77 62.5 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.262 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion: 45 Resp: 1242356
Ion Ratio Lower Upper
45 100
77 18.3 0.0 33.4
79 14.7 0.0 30.9

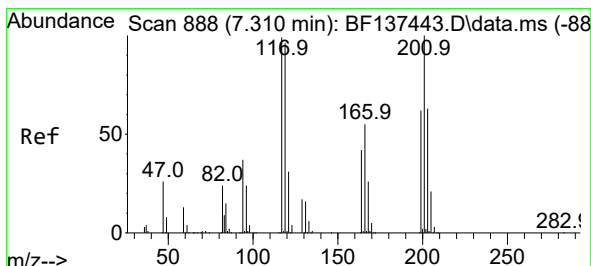
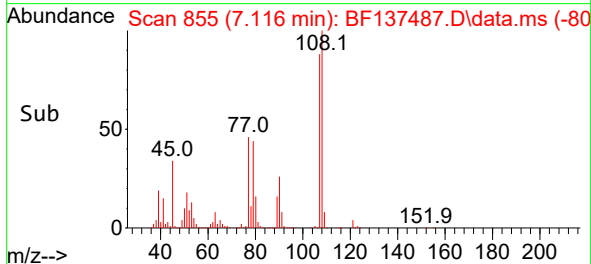
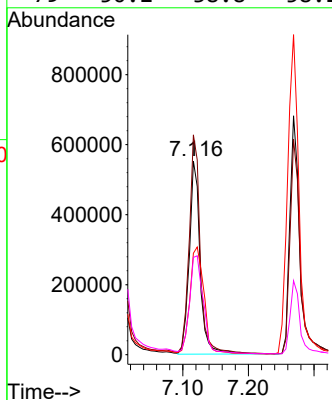
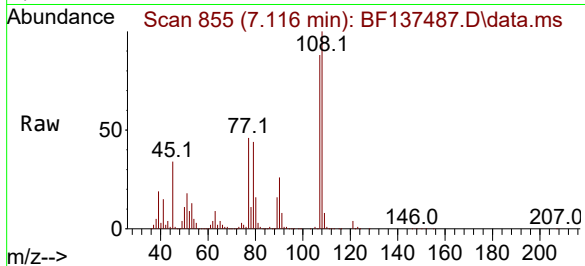




#17
2-Methylphenol
Concen: 41.804 ng
RT: 7.116 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

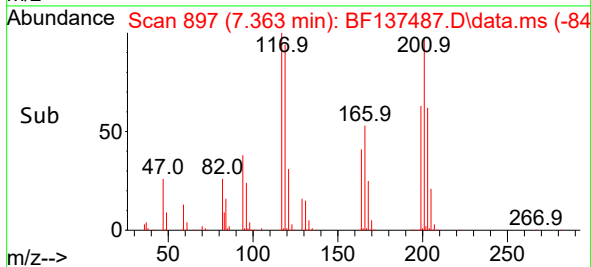
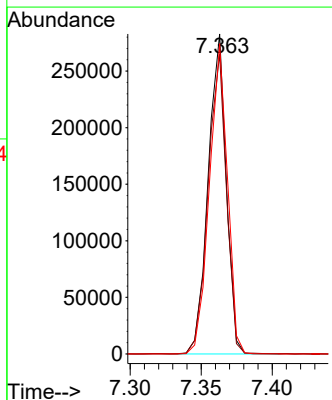
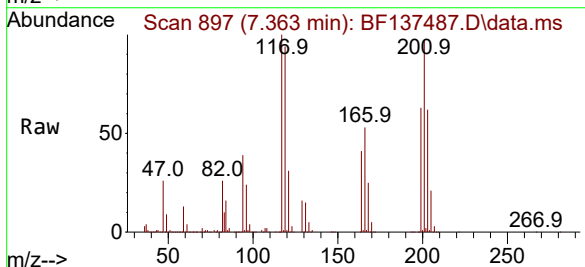
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

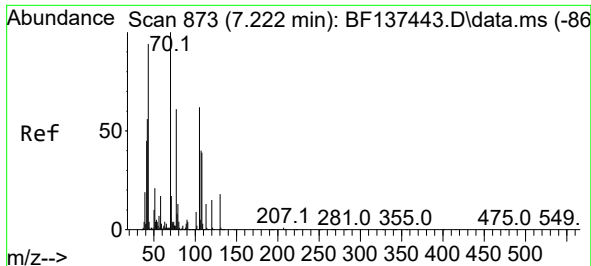
Tgt Ion:107 Resp: 634764
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 52.4 38.6 57.8
79 50.2 38.8 58.2



#18
Hexachloroethane
Concen: 42.807 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:117 Resp: 250067
Ion Ratio Lower Upper
117 100
119 93.7 77.5 116.3
201 97.0 80.6 121.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.938 ng

RT: 7.275 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion: 70 Resp: 602550

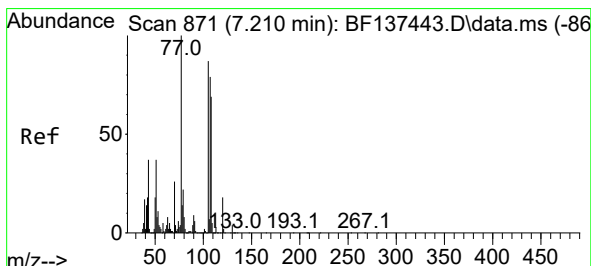
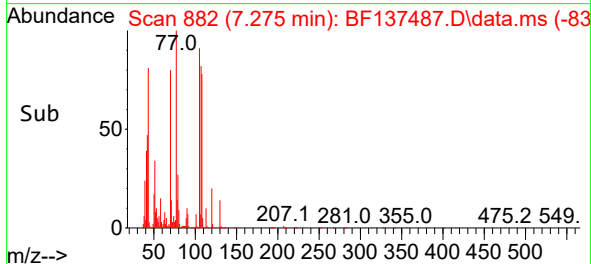
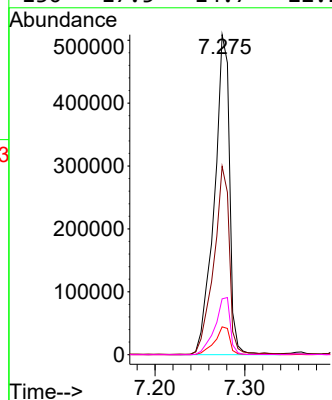
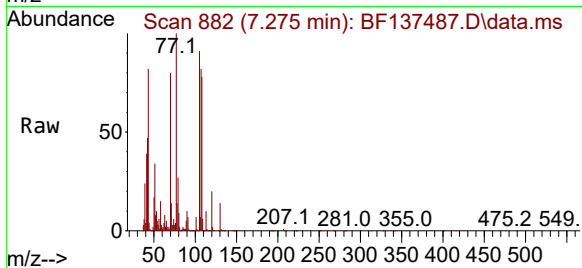
Ion Ratio Lower Upper

70 100

42 58.9 45.2 67.8

101 8.7 7.3 10.9

130 17.5 14.7 22.1



#20

3+4-Methylphenols

Concen: 41.644 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Tgt Ion: 107 Resp: 724202

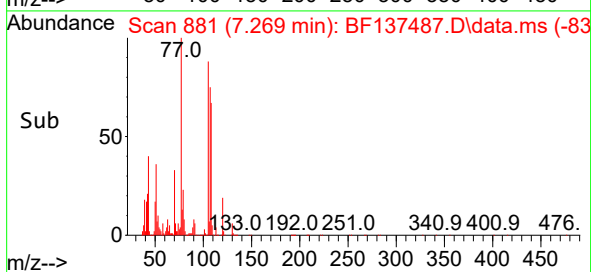
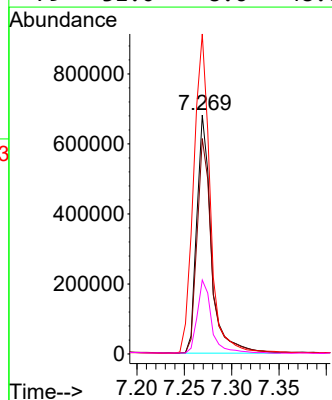
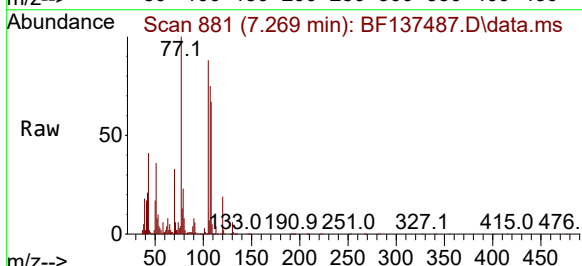
Ion Ratio Lower Upper

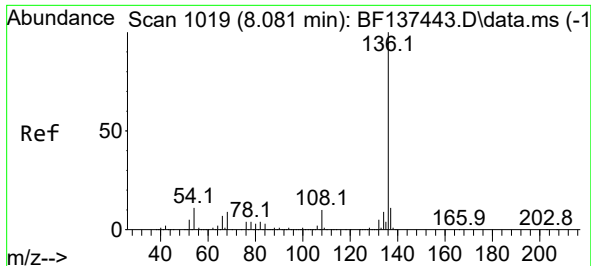
107 100

108 90.2 67.6 107.6

77 134.0 107.1 147.1

79 31.0 8.6 48.6

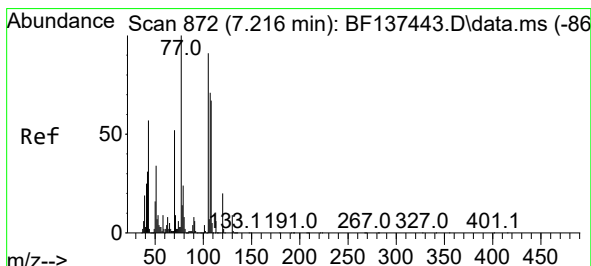
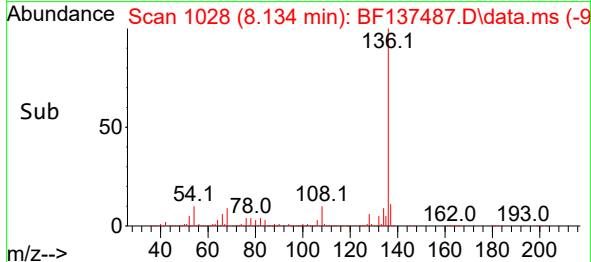
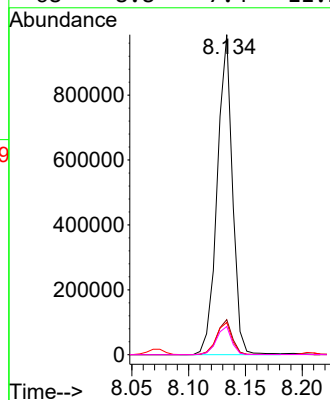
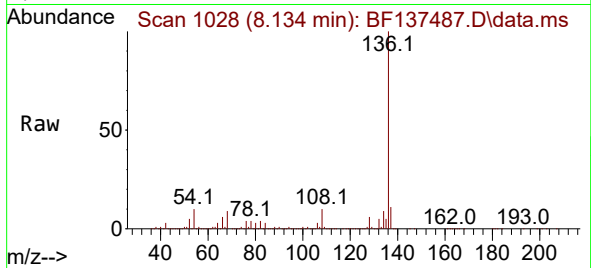




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

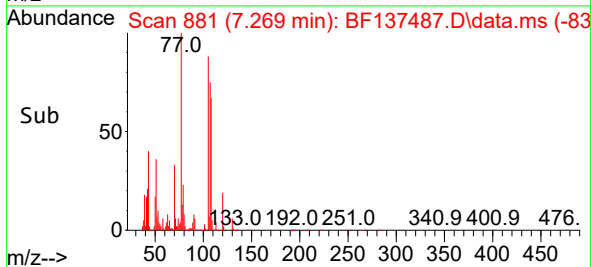
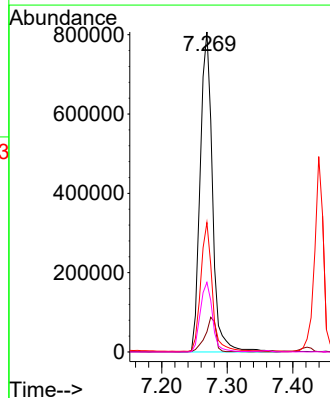
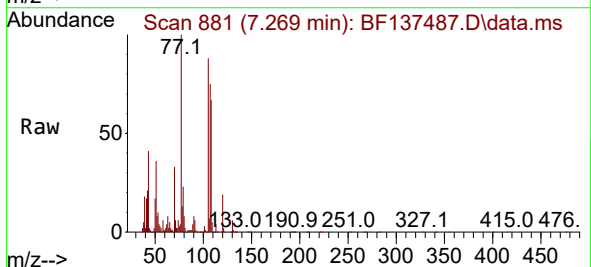
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

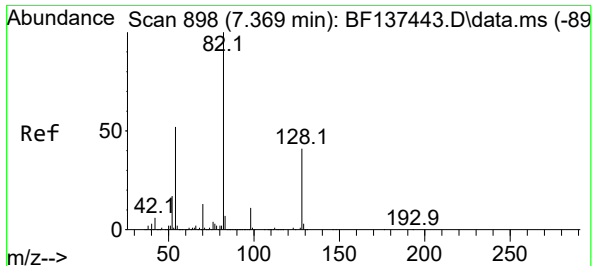
Tgt Ion:136 Resp: 920921
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.0 8.5 12.7
68 8.8 7.4 11.2



#22
Acetophenone
Concen: 47.278 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:105 Resp: 1053448
Ion Ratio Lower Upper
105 100
71 6.3 7.7 11.5#
51 40.4 30.4 45.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 92.335 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

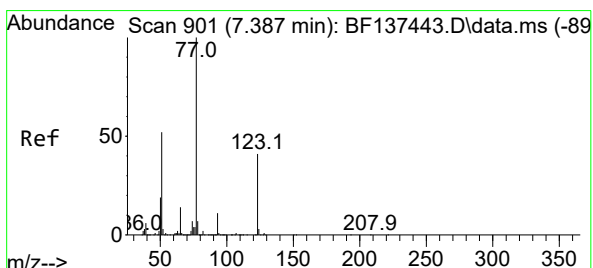
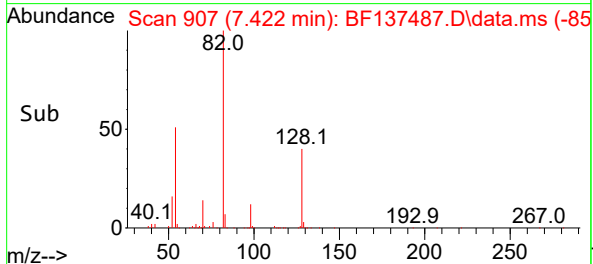
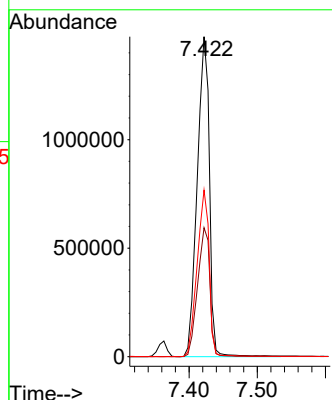
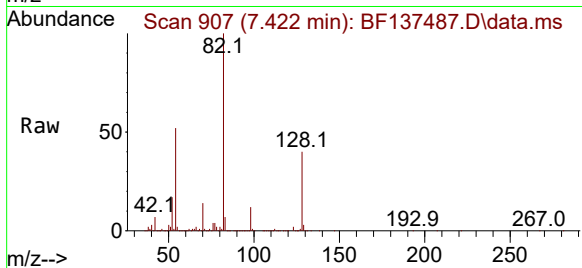
BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion: 82 Resp: 1830087

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.5	48.7
54	52.0	41.5	62.3



#24

Nitrobenzene

Concen: 45.996 ng

RT: 7.439 min Scan# 910

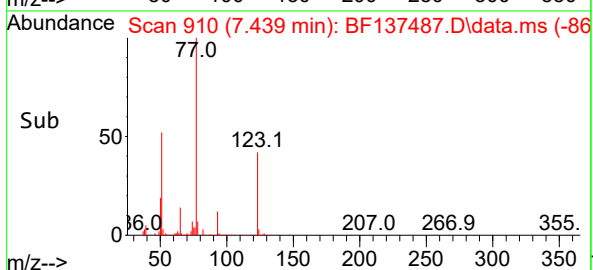
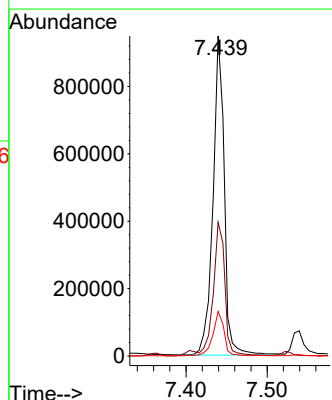
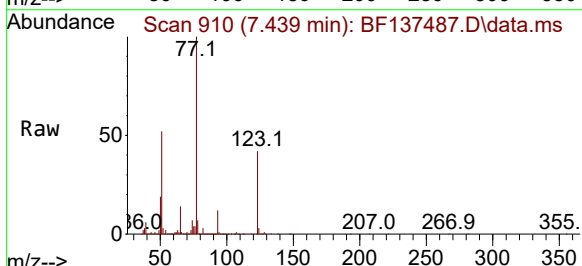
Delta R.T. -0.006 min

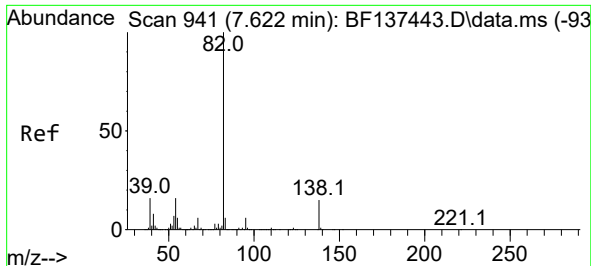
Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Tgt Ion: 77 Resp: 915784

Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.0	49.6
65	13.9	10.9	16.3

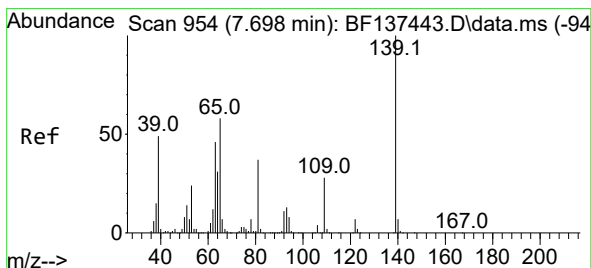
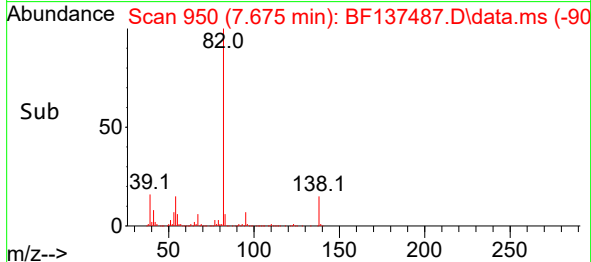
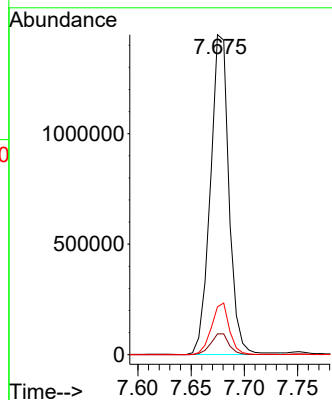
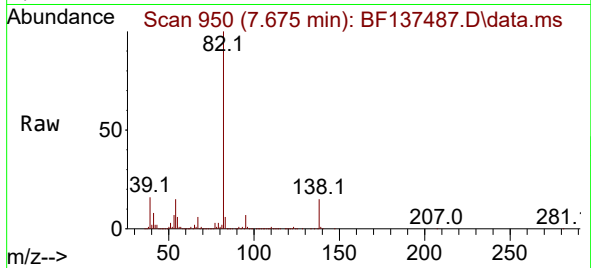




#25
Isophorone
Concen: 46.692 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

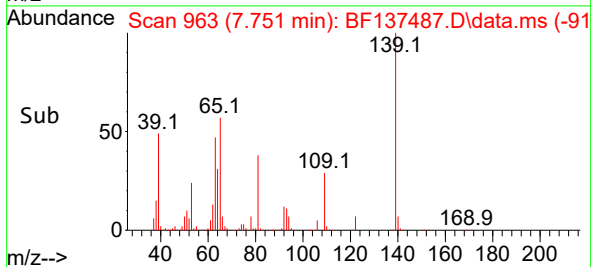
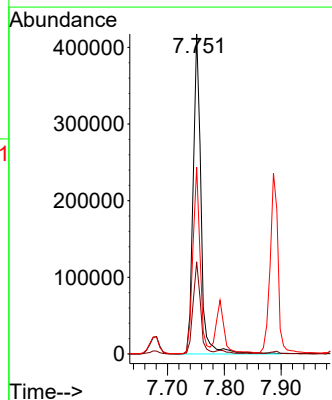
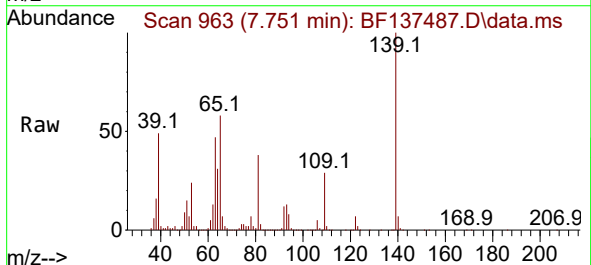
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

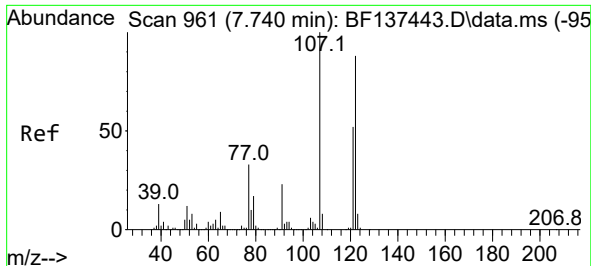
Tgt Ion: 82 Resp: 1758159
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.9 11.8 17.8



#26
2-Nitrophenol
Concen: 50.756 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:139 Resp: 401209
Ion Ratio Lower Upper
139 100
109 28.8 22.2 33.4
65 58.3 46.2 69.2

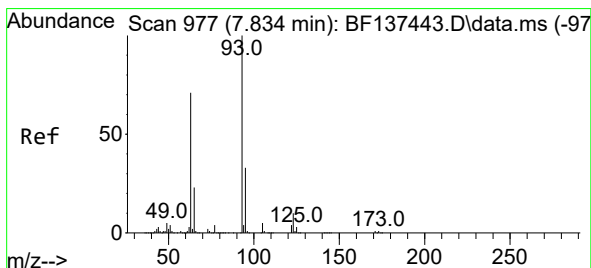
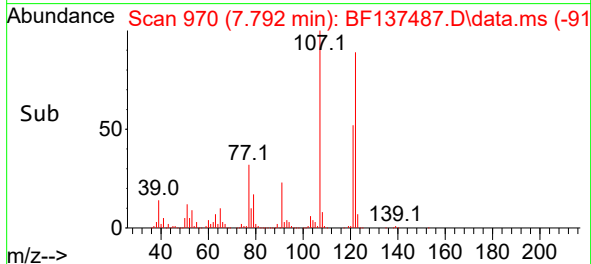
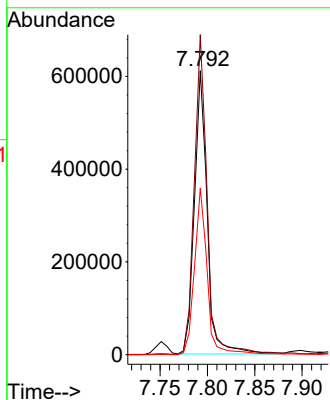
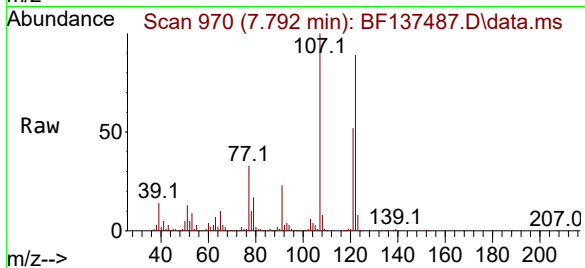




#27
2,4-Dimethylphenol
Concen: 38.888 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

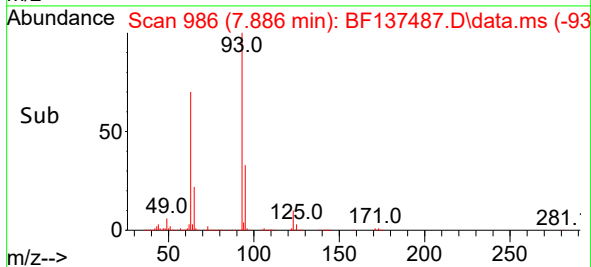
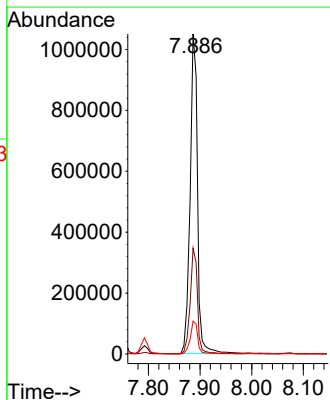
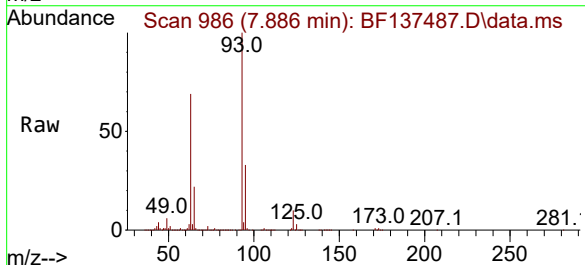
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

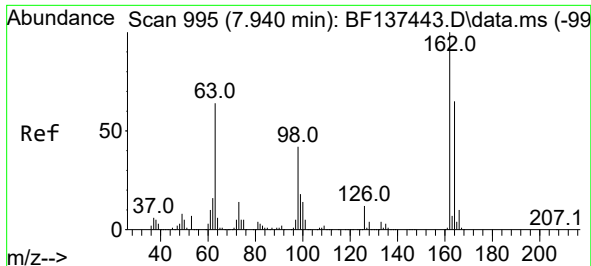
Tgt Ion:122 Resp: 574380
Ion Ratio Lower Upper
122 100
107 112.7 90.9 136.3
121 58.7 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.543 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion: 93 Resp: 1050373
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 49.164 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

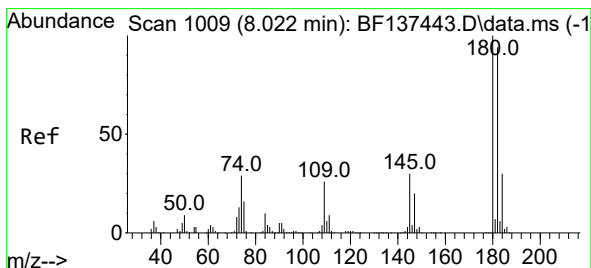
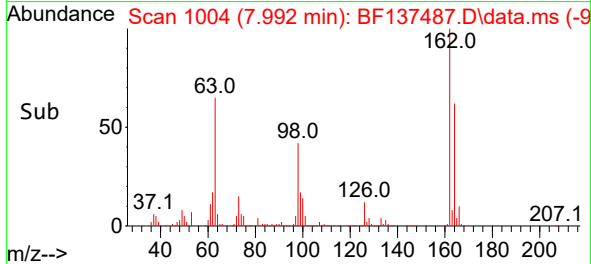
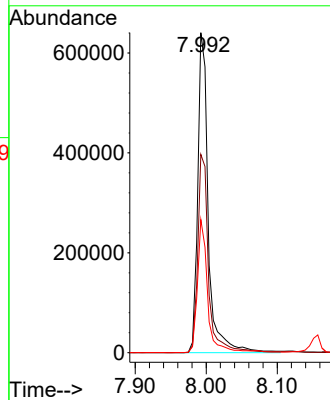
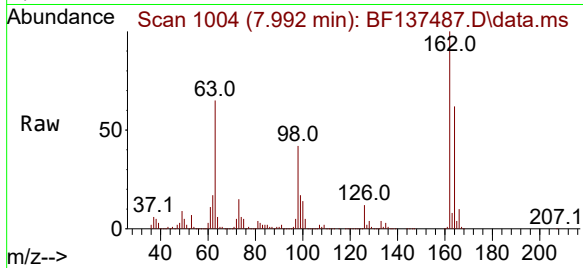
Tgt Ion:162 Resp: 666451

Ion Ratio Lower Upper

162 100

164 62.0 44.7 84.7

98 41.6 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 46.020 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

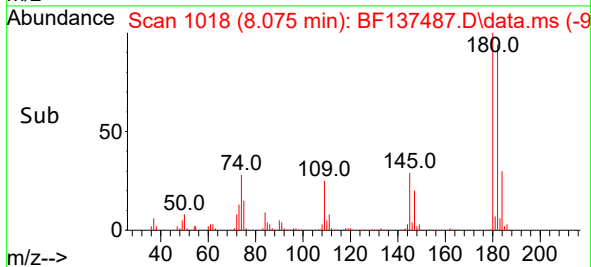
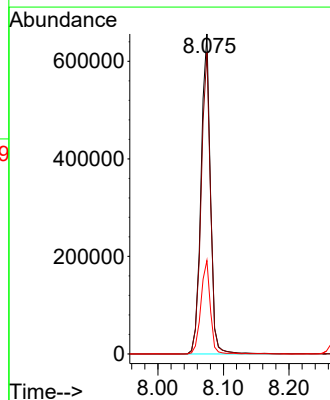
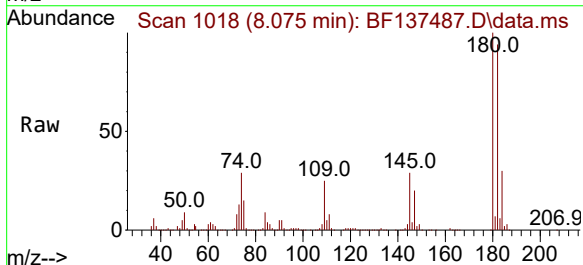
Tgt Ion:180 Resp: 656487

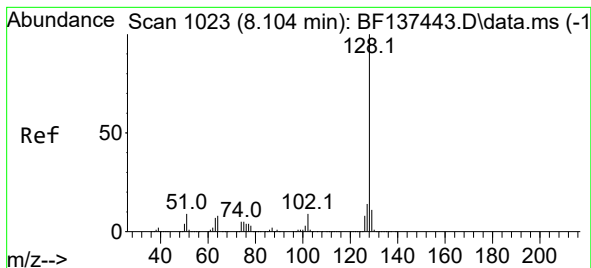
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.6

145 29.2 23.7 35.5





#31

Naphthalene

Concen: 43.500 ng

RT: 8.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

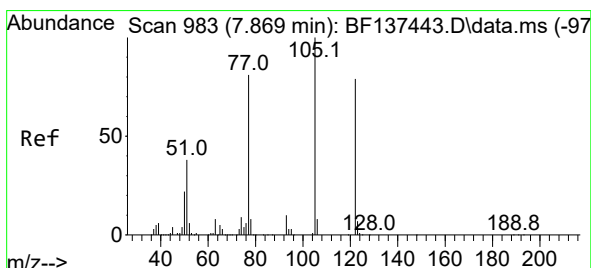
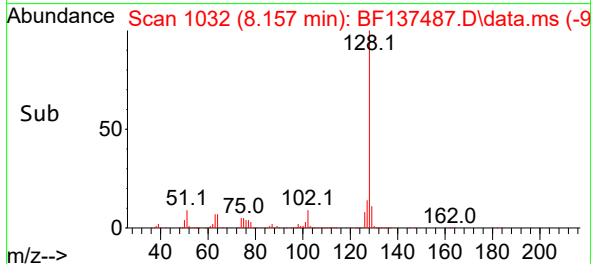
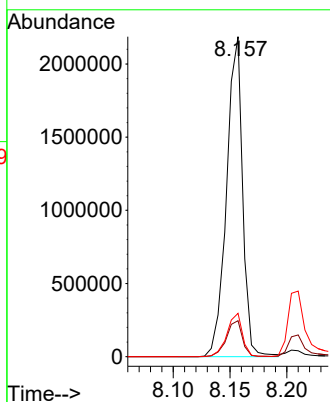
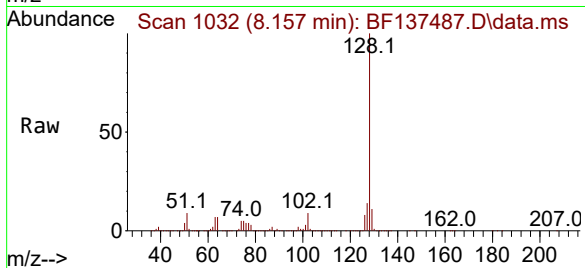
Tgt Ion:128 Resp: 2149346

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 64.965 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.135 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

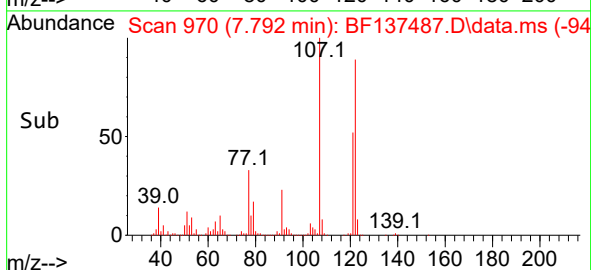
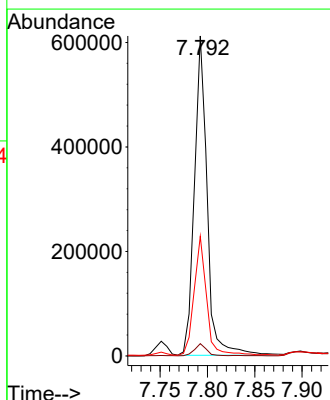
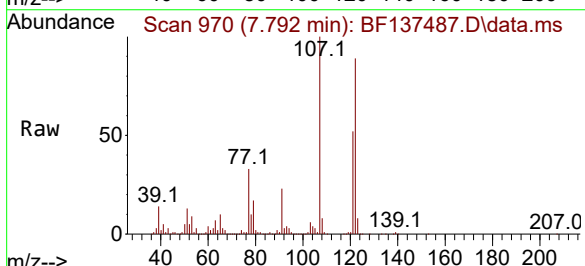
Tgt Ion:122 Resp: 574380

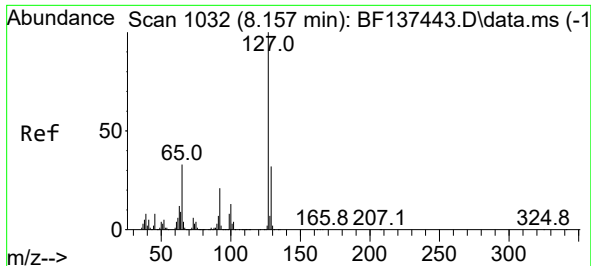
Ion Ratio Lower Upper

122 100

105 3.8 102.4 142.4#

77 37.4 81.1 121.1#

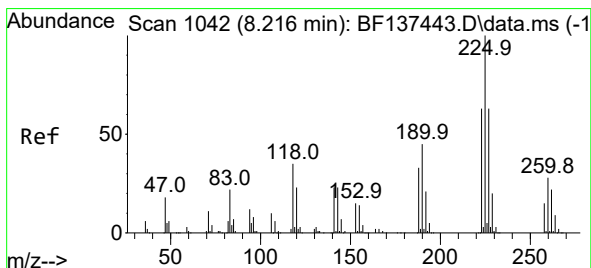
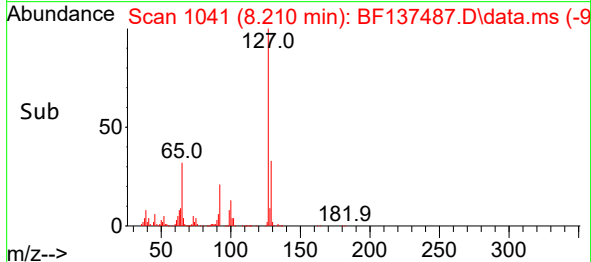
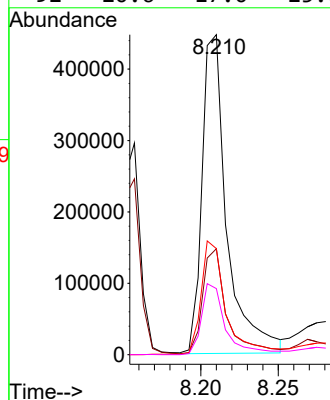
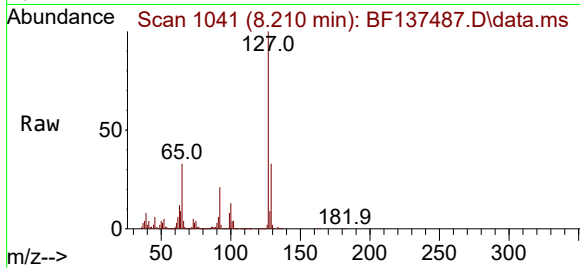




#33
4-Chloroaniline
Concen: 25.759 ng
RT: 8.210 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

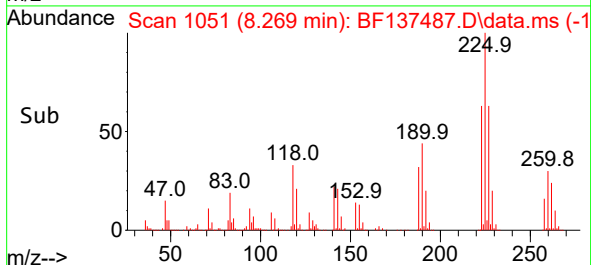
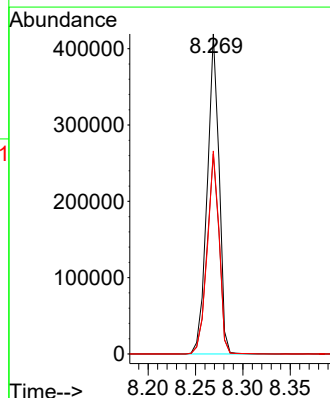
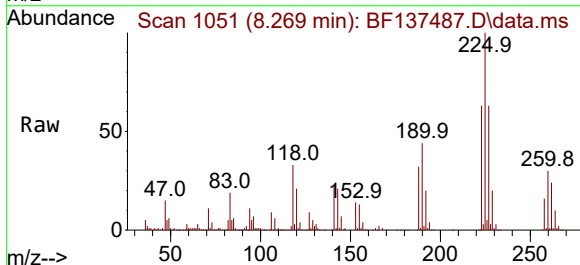
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

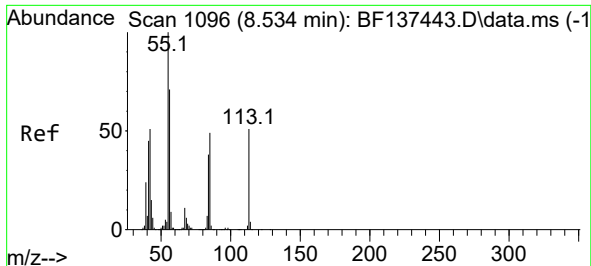
Tgt Ion:	127	Resp:	499078
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	33.1	26.8	40.2
92	20.6	17.0	25.6



#34
Hexachlorobutadiene
Concen: 43.169 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:	225	Resp:	363565
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	63.5	50.6	75.8

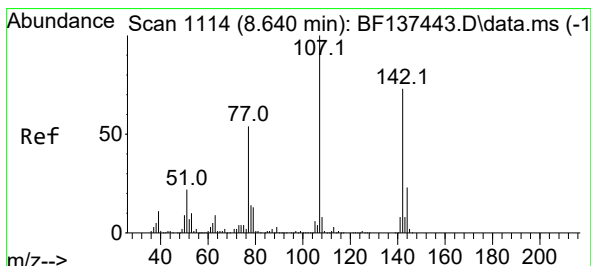
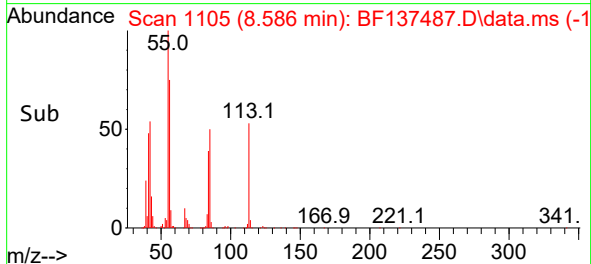
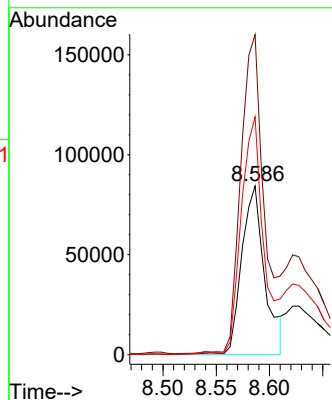
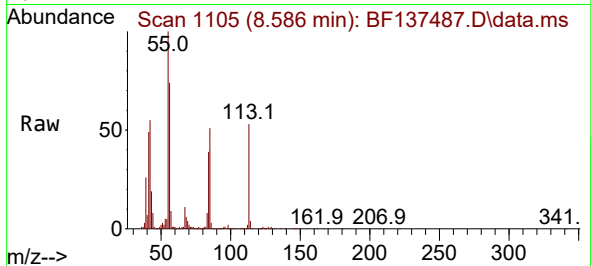




#35
Caprolactam
Concen: 27.455 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

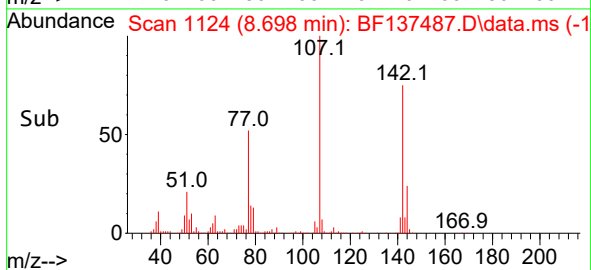
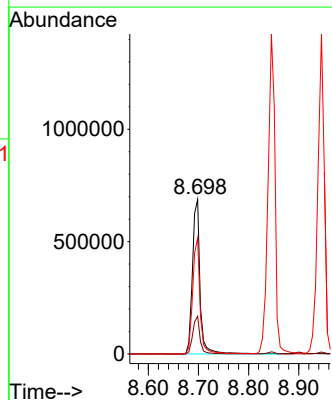
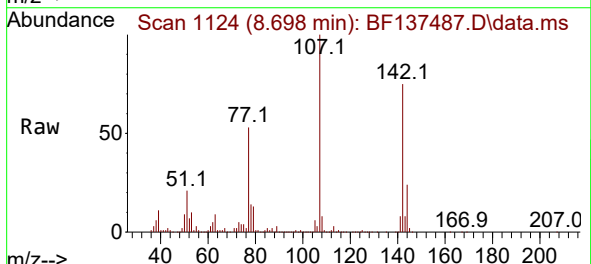
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

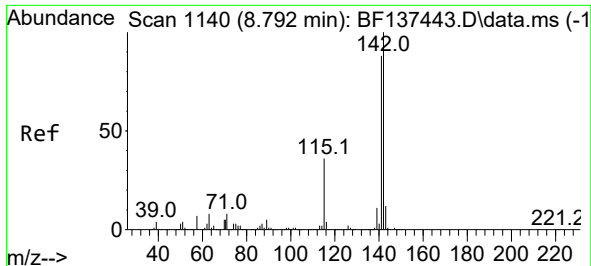
Tgt Ion:113 Resp: 126198
Ion Ratio Lower Upper
113 100
55 189.8 176.7 216.7
56 141.1 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 47.792 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:107 Resp: 724168
Ion Ratio Lower Upper
107 100
144 24.5 18.7 28.1
142 75.0 58.2 87.2

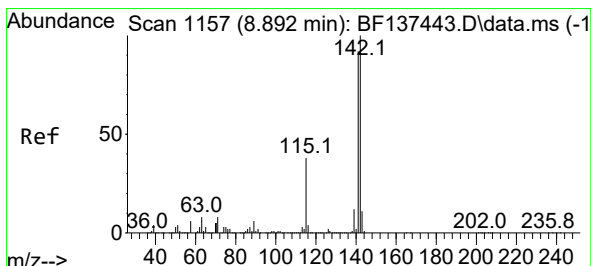
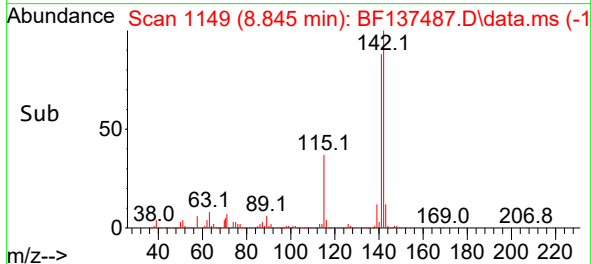
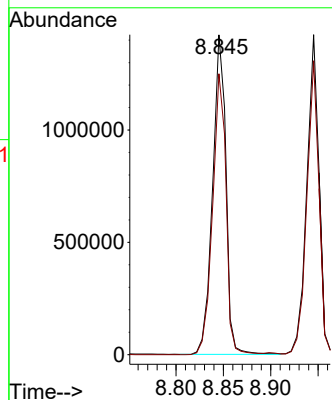
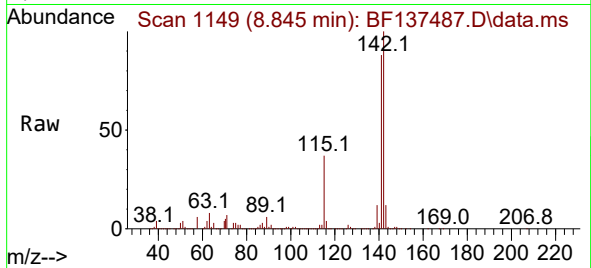




#37
2-Methylnaphthalene
Concen: 44.029 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

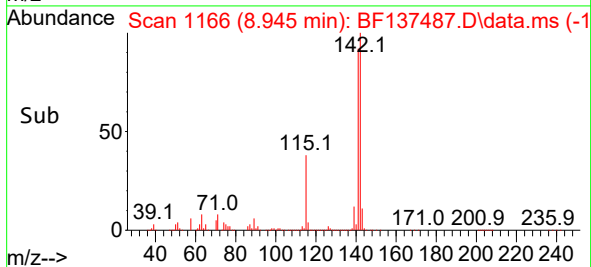
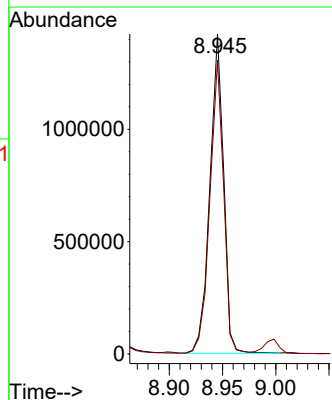
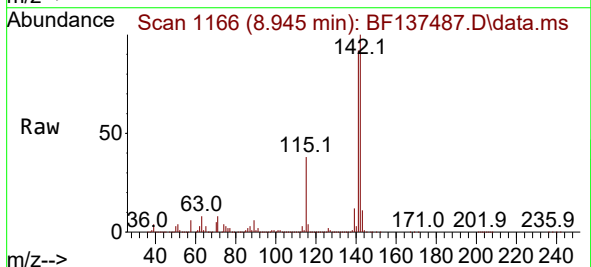
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

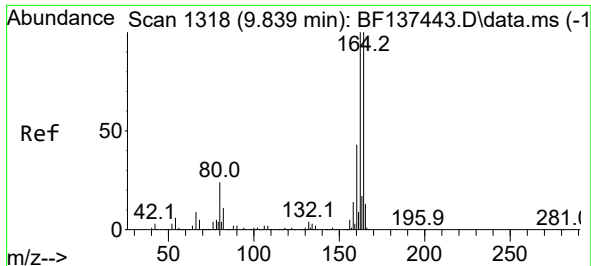
Tgt Ion:142 Resp: 1386865
Ion Ratio Lower Upper
142 100
141 87.9 70.4 105.6



#38
1-Methylnaphthalene
Concen: 43.139 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:142 Resp: 1279653
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2

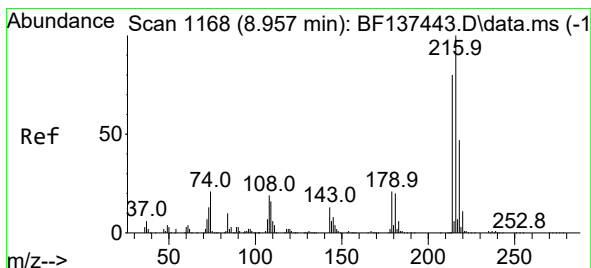
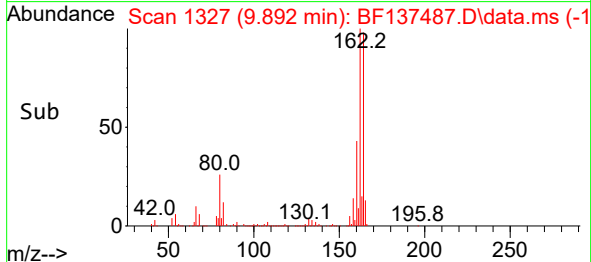
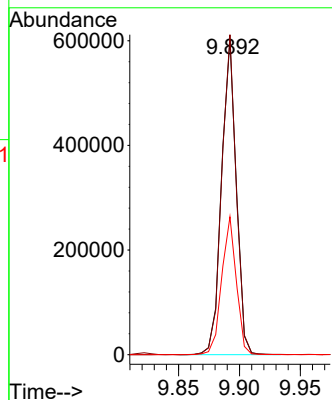
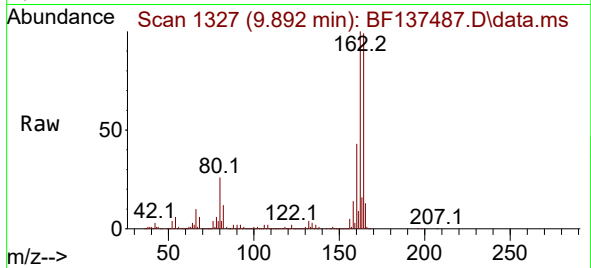




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

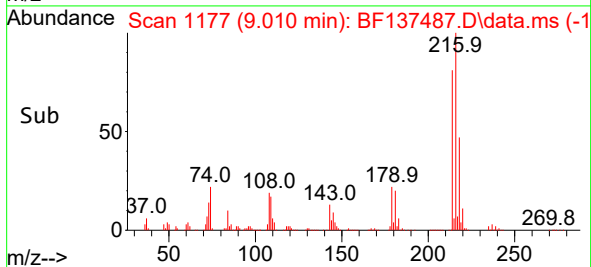
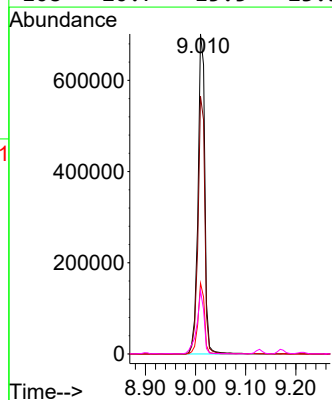
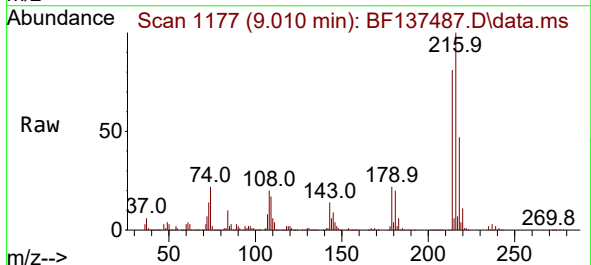
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

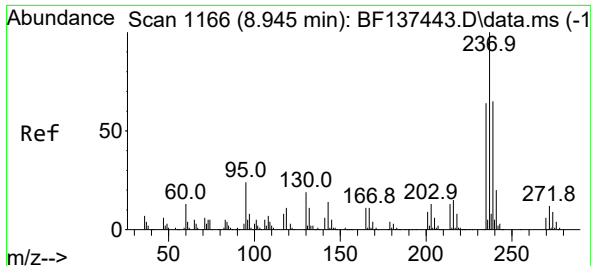
Tgt Ion:164 Resp: 508426
Ion Ratio Lower Upper
164 100
162 101.5 79.8 119.8
160 43.8 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.851 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:216 Resp: 665010
Ion Ratio Lower Upper
216 100
214 80.2 63.5 95.3
179 20.8 16.6 25.0
108 20.7 15.5 23.3

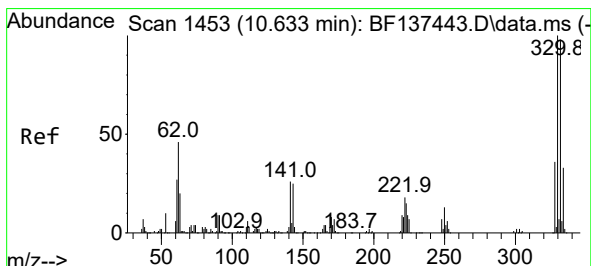
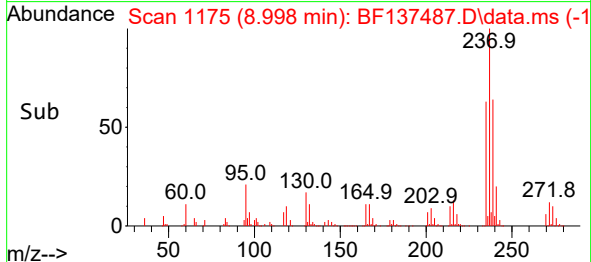
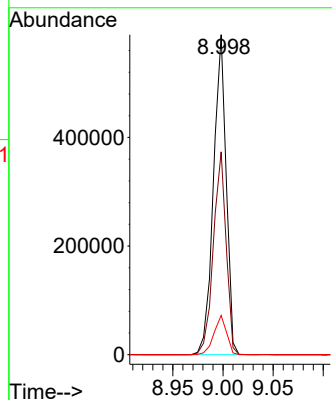
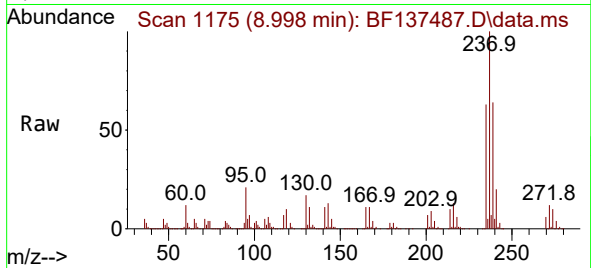




#41
Hexachlorocyclopentadiene
Concen: 88.971 ng
RT: 8.998 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

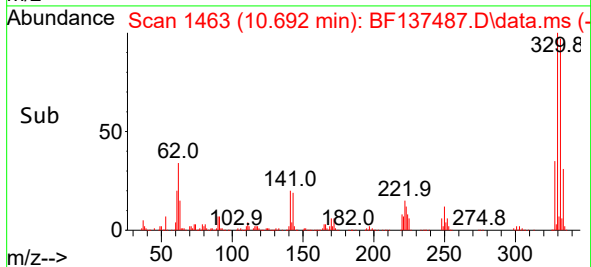
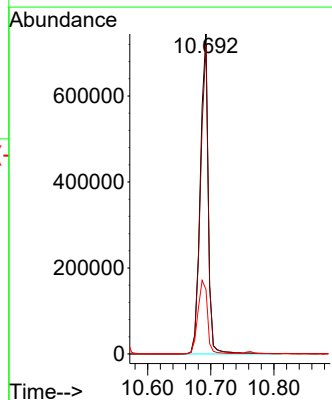
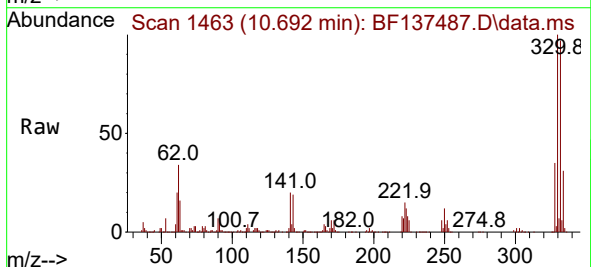
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

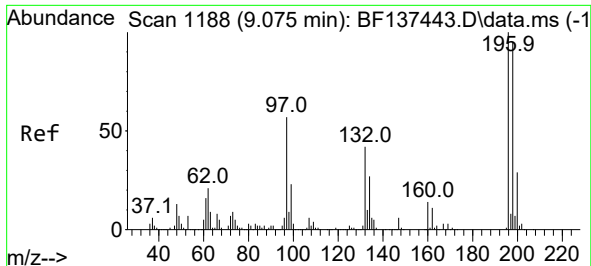
Tgt Ion:237 Resp: 521330
Ion Ratio Lower Upper
237 100
235 63.4 43.6 83.6
272 12.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 144.410 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:330 Resp: 644770
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 27.7 27.3 40.9

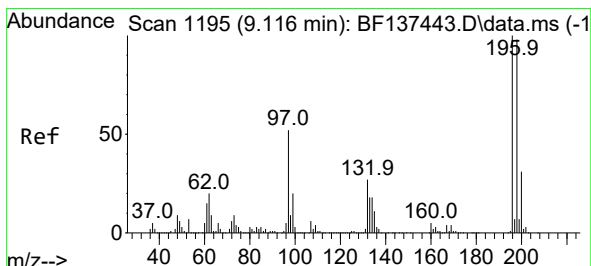
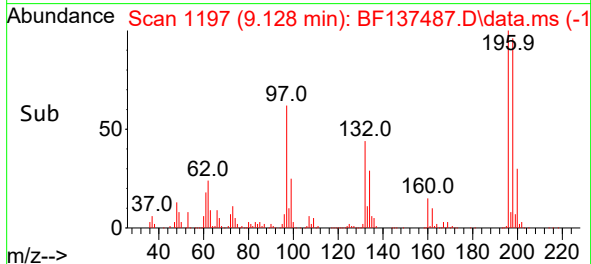
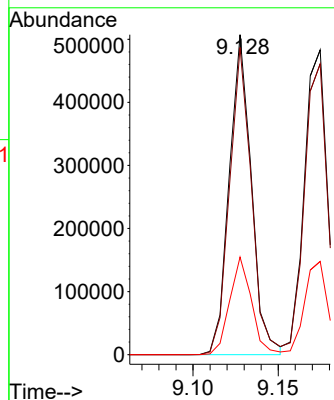
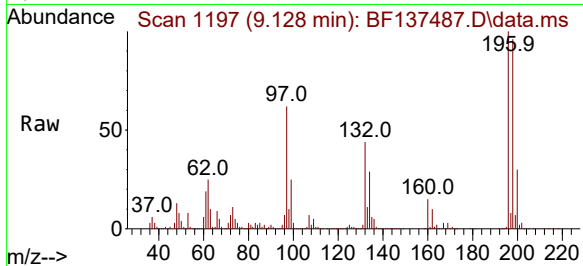




#43
2,4,6-Trichlorophenol
Concen: 49.382 ng
RT: 9.128 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

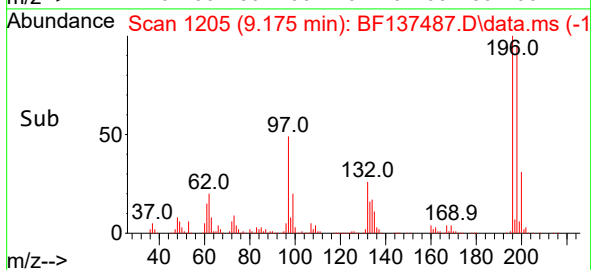
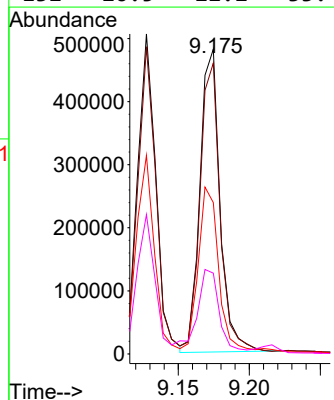
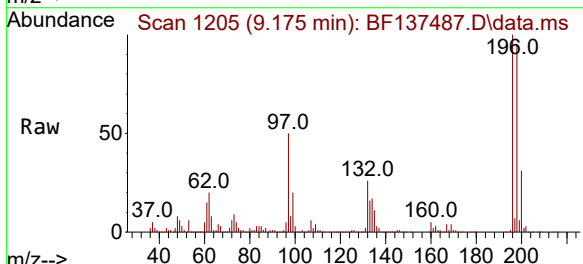
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

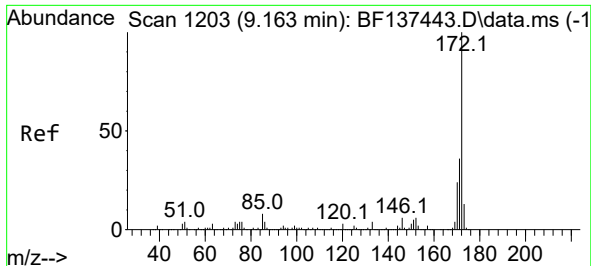
Tgt Ion:196 Resp: 456448
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 30.5 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 44.628 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:196 Resp: 475190
Ion Ratio Lower Upper
196 100
198 95.4 78.6 117.8
97 49.7 41.8 62.8
132 26.5 22.2 33.4

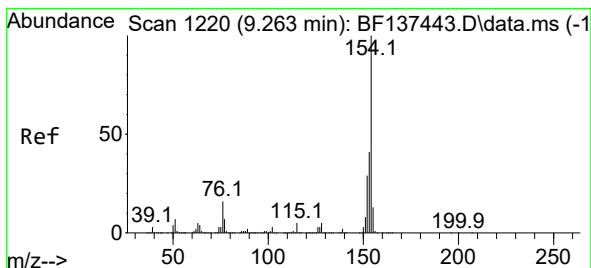
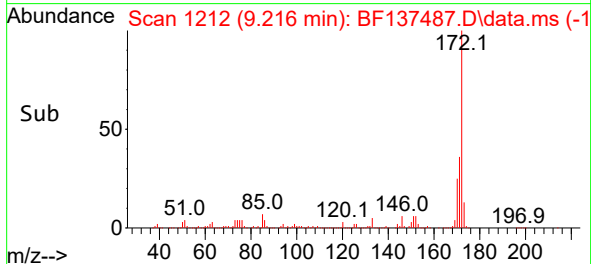
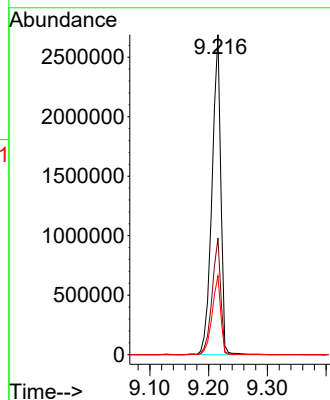
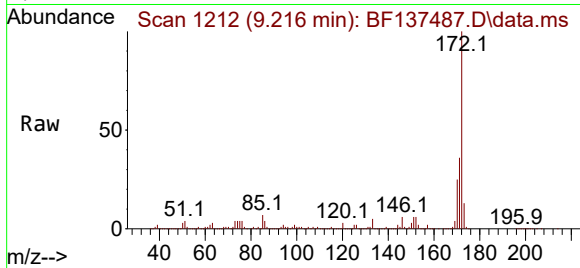




#45
2-Fluorobiphenyl
Concen: 85.753 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

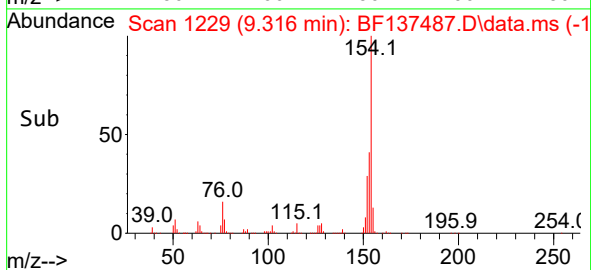
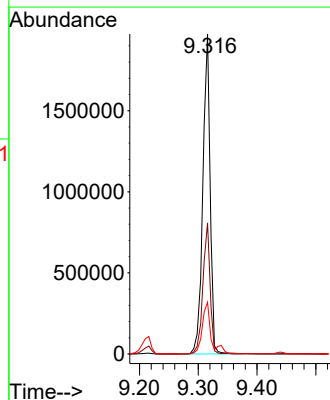
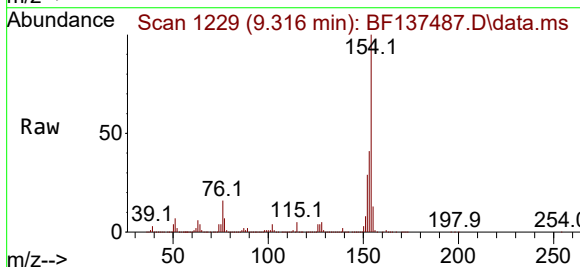
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

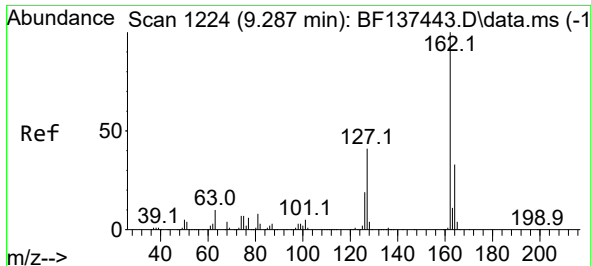
Tgt Ion:172 Resp: 2785246
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 46.011 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:154 Resp: 1712191
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 16.2 0.0 35.8





#47

2-Chloronaphthalene

Concen: 47.922 ng

RT: 9.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

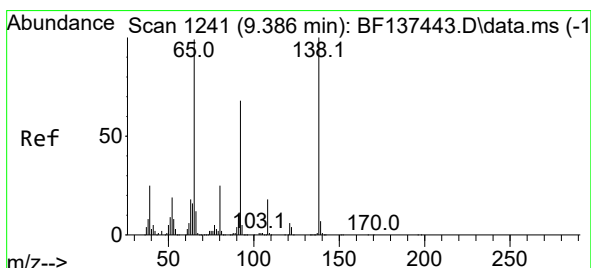
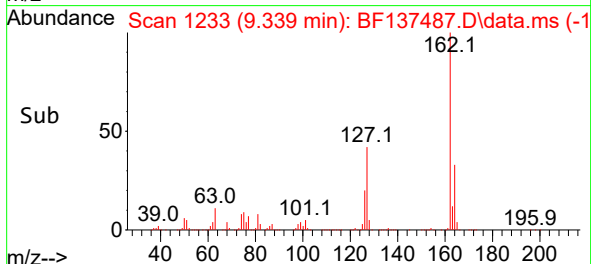
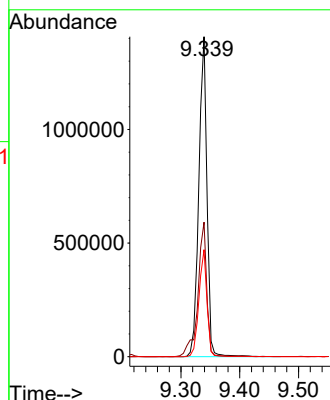
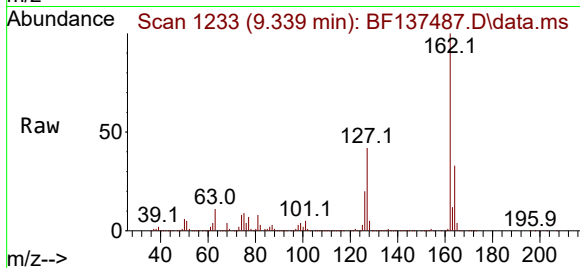
Tgt Ion:162 Resp: 1359623

Ion Ratio Lower Upper

162 100

127 42.0 32.6 49.0

164 33.5 26.5 39.7



#48

2-Nitroaniline

Concen: 52.160 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

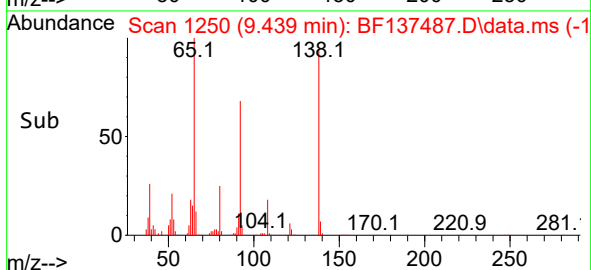
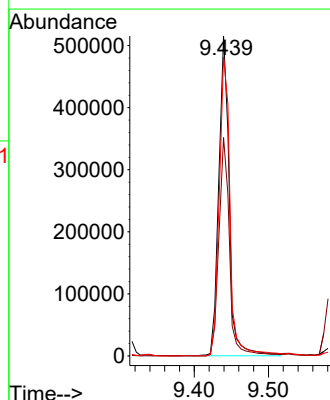
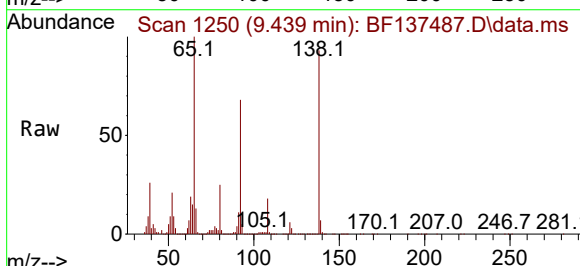
Tgt Ion: 65 Resp: 502986

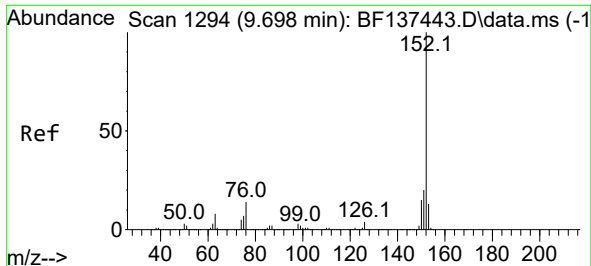
Ion Ratio Lower Upper

65 100

92 68.3 55.4 83.2

138 93.5 81.0 121.6

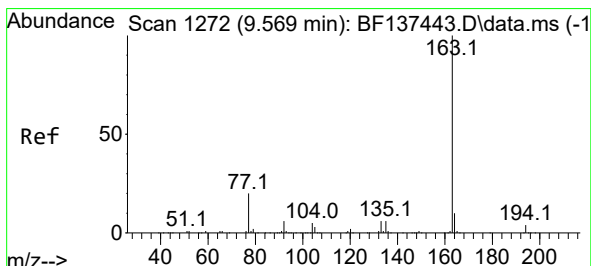
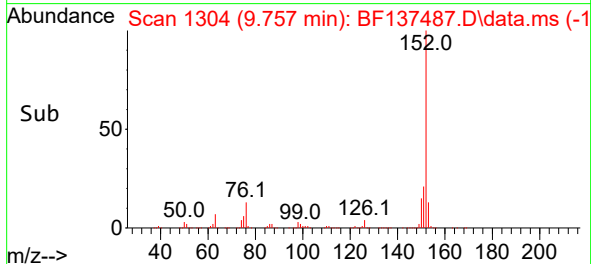
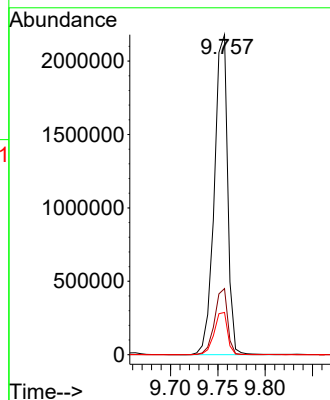
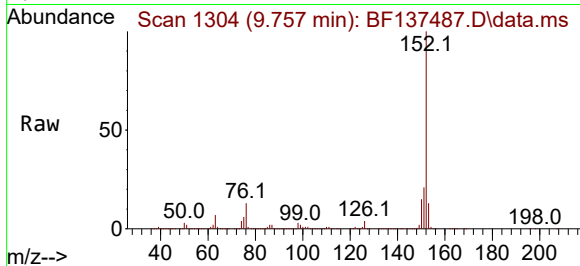




#49
Acenaphthylene
Concen: 47.156 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

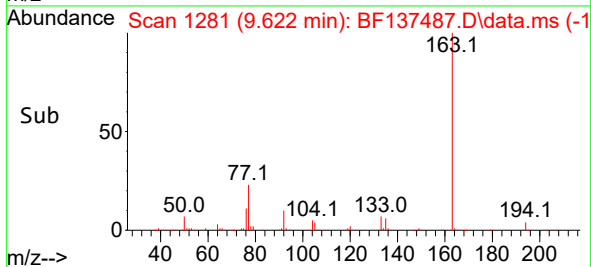
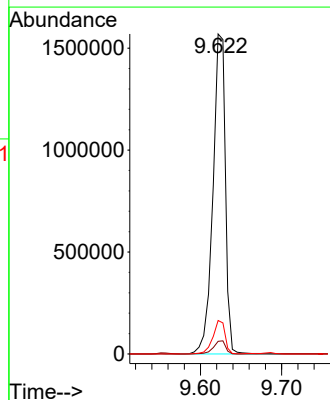
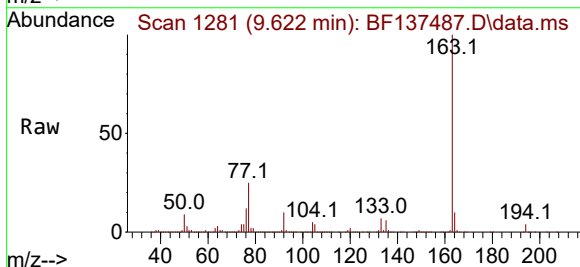
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

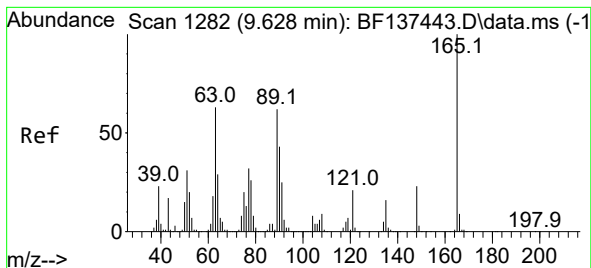
Tgt Ion:152 Resp: 2141038
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.2 10.8 16.2



#50
Dimethylphthalate
Concen: 47.191 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:163 Resp: 1670190
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.461 ng

RT: 9.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

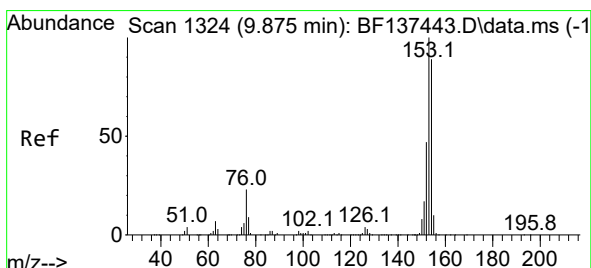
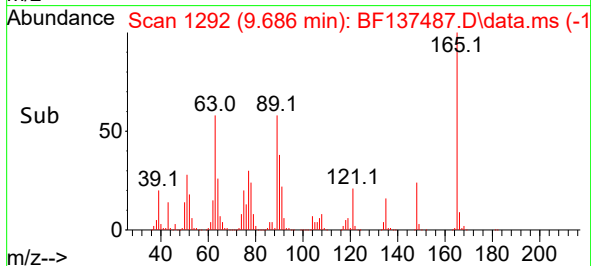
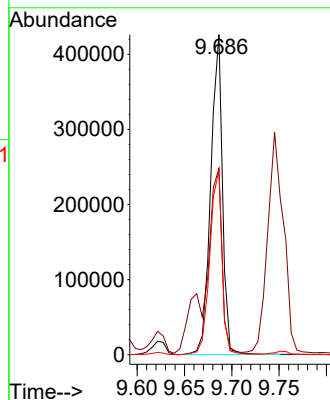
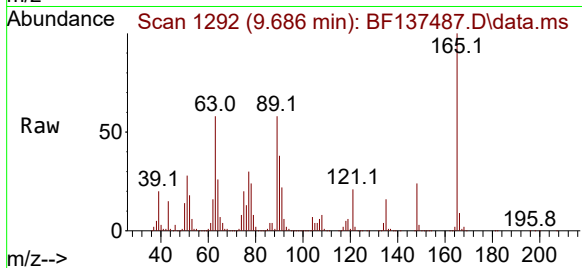
Tgt Ion:165 Resp: 366140

Ion Ratio Lower Upper

165 100

63 58.2 50.7 76.1

89 57.6 50.0 75.0



#52

Acenaphthene

Concen: 44.675 ng

RT: 9.928 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

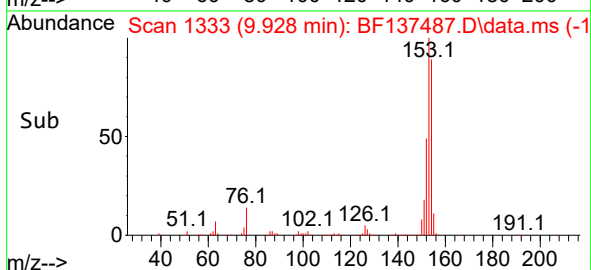
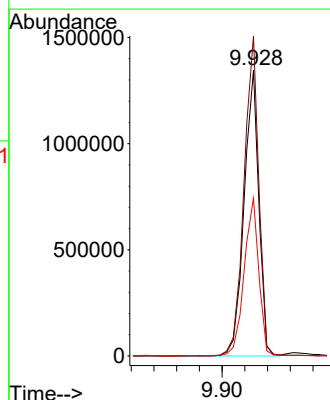
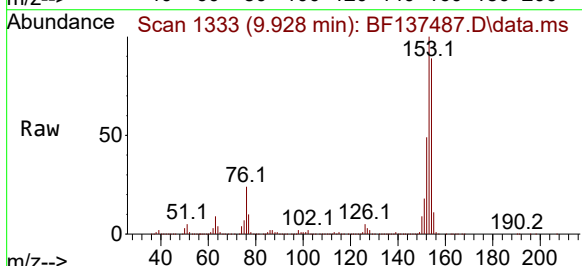
Tgt Ion:154 Resp: 1210970

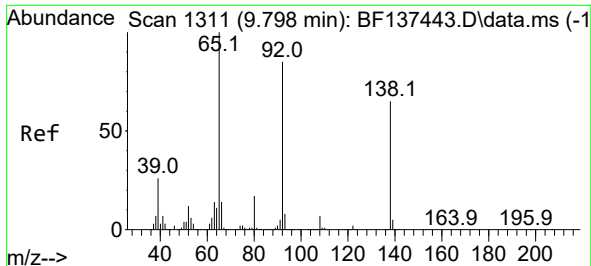
Ion Ratio Lower Upper

154 100

153 112.0 90.3 135.5

152 55.2 42.7 64.1

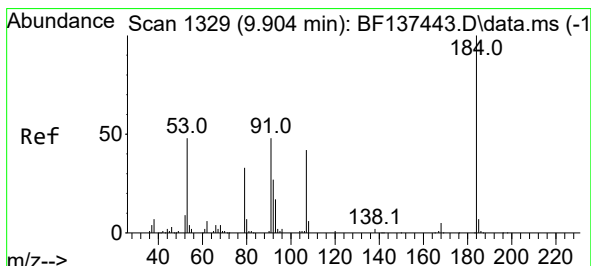
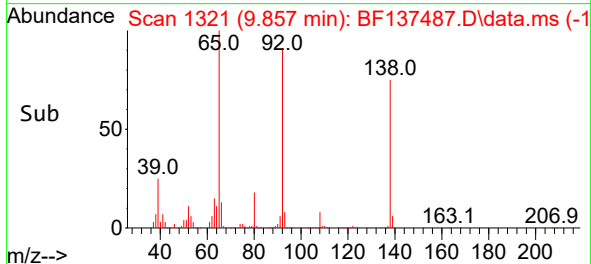
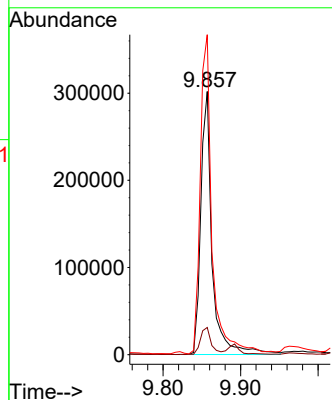
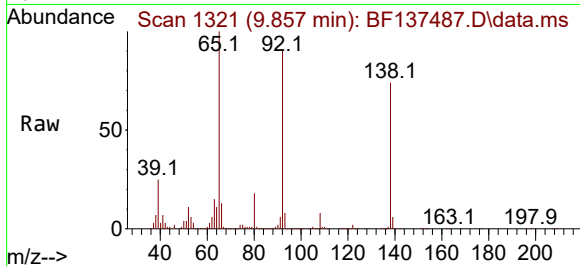




#53
3-Nitroaniline
Concen: 39.223 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

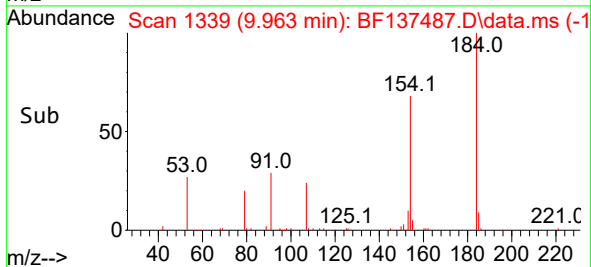
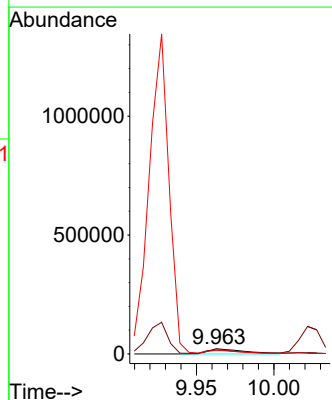
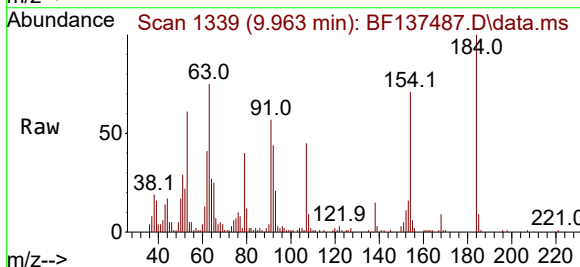
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

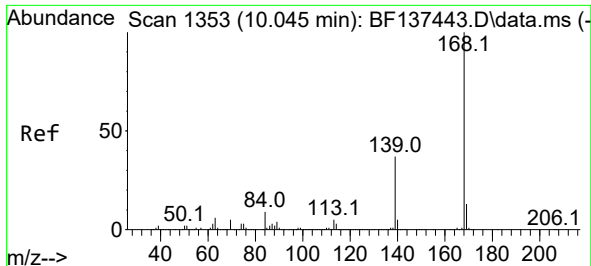
Tgt Ion:138 Resp: 307121
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 121.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 17.079 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:184 Resp: 35630
Ion Ratio Lower Upper
184 100
63 75.5 53.3 79.9
154 70.9 47.4 71.0

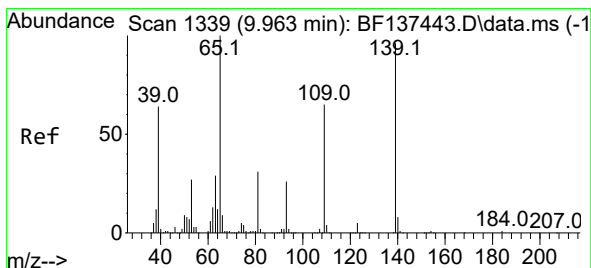
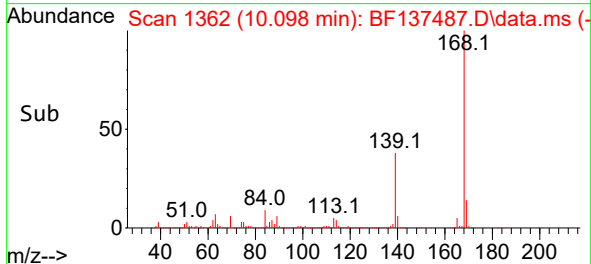
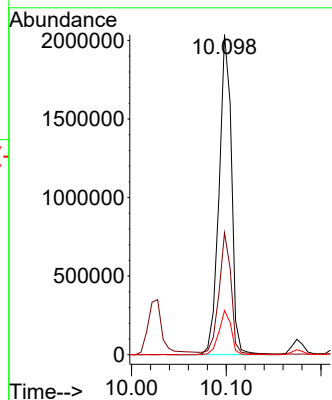
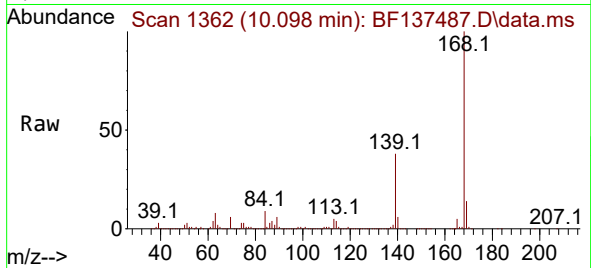




#55
Dibenzenofuran
Concen: 44.979 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

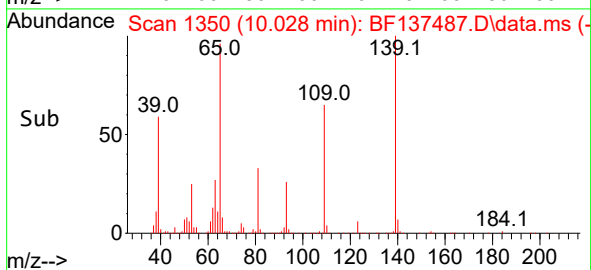
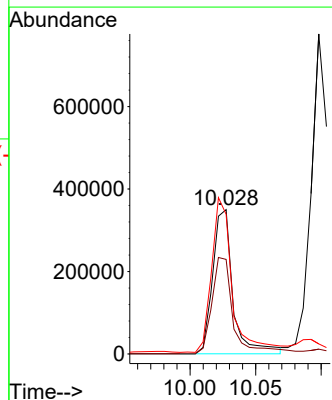
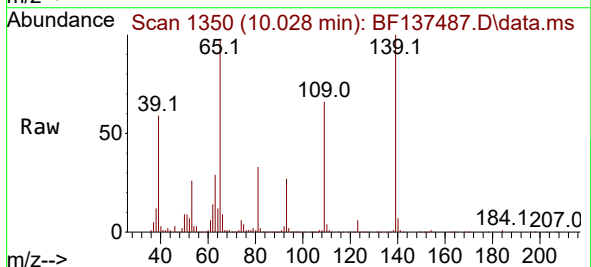
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

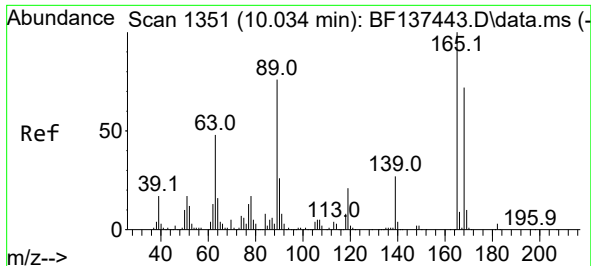
Tgt Ion:168 Resp: 1856969
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 68.458 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:139 Resp: 377506
Ion Ratio Lower Upper
139 100
109 65.5 47.1 87.1
65 96.8 85.1 125.1

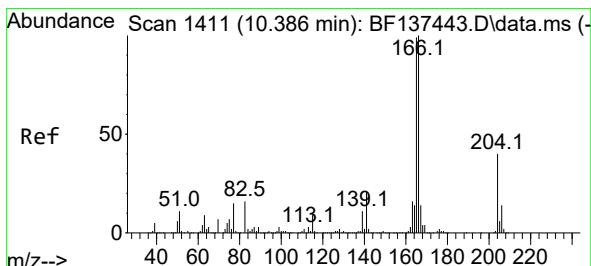
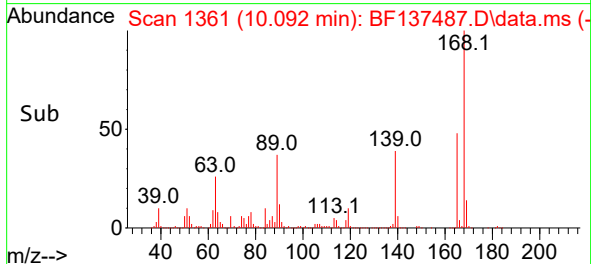
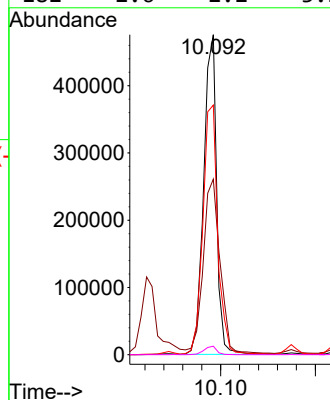
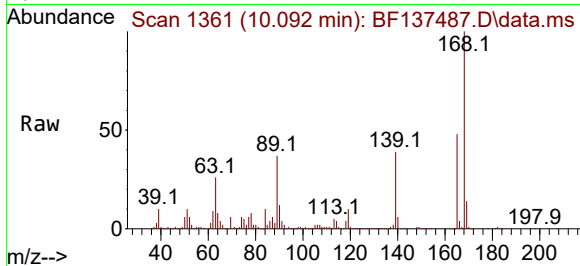




#57
2,4-Dinitrotoluene
Concen: 49.617 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

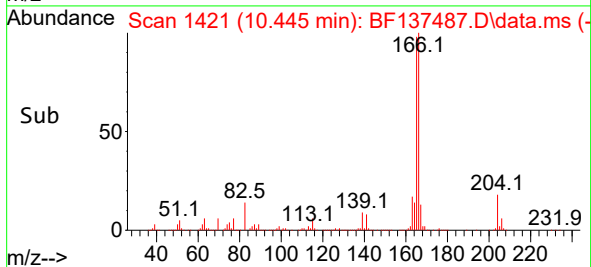
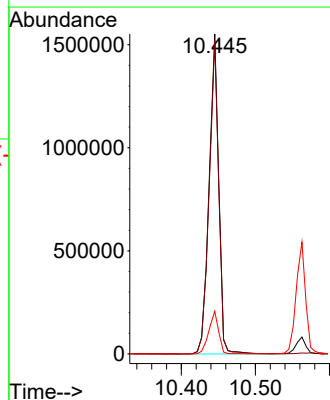
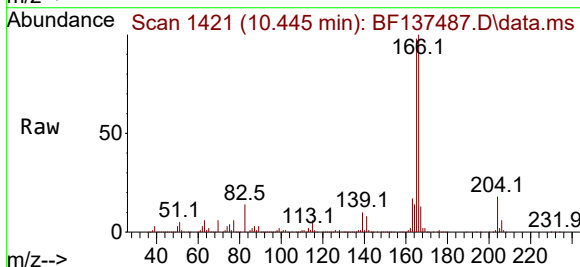
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

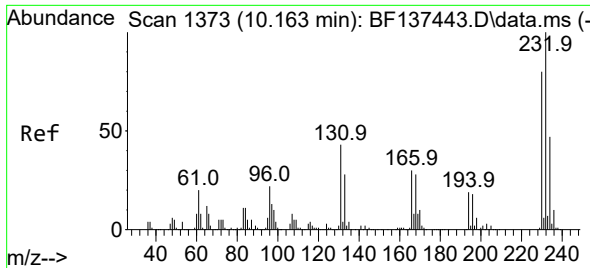
Tgt Ion:165 Resp: 451257
Ion Ratio Lower Upper
165 100
63 54.9 39.0 58.6
89 78.0 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 44.340 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:166 Resp: 1405846
Ion Ratio Lower Upper
166 100
165 98.0 79.2 118.8
167 13.3 11.0 16.6

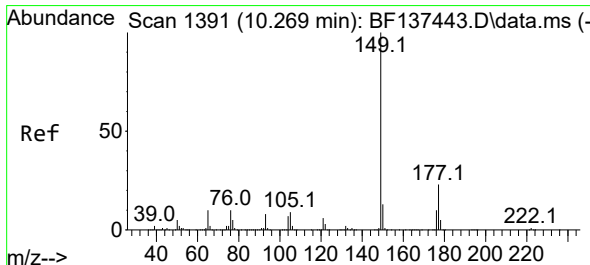
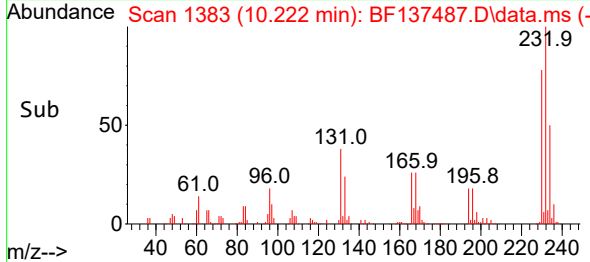
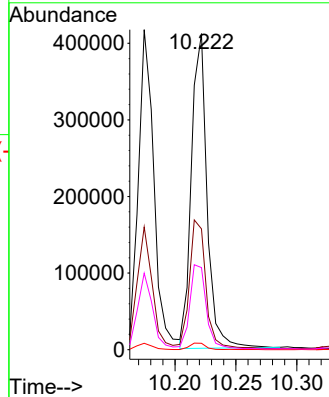
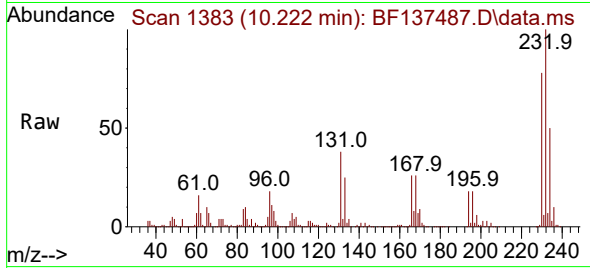




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.103 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

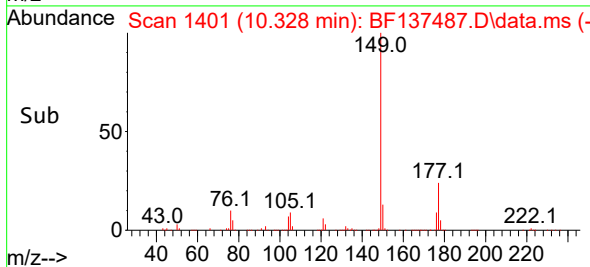
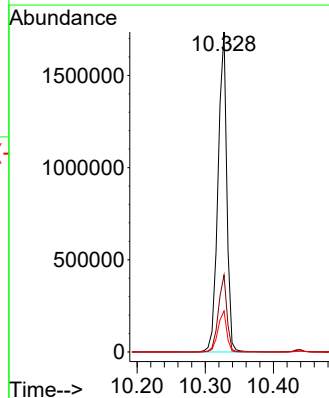
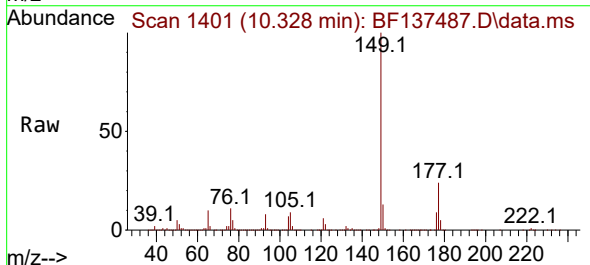
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

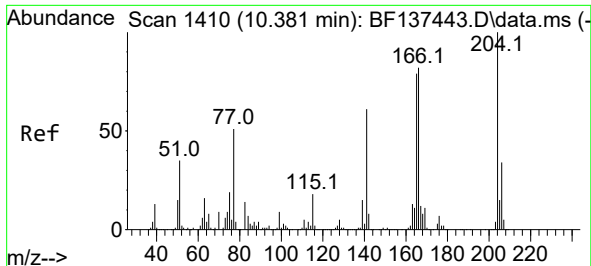
Tgt Ion:232 Resp: 368035
Ion Ratio Lower Upper
232 100
131 43.8 31.2 46.8
130 2.3 1.8 2.6
166 28.6 19.1 28.7



#60
Diethylphthalate
Concen: 46.493 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:149 Resp: 1553898
Ion Ratio Lower Upper
149 100
177 24.0 18.7 28.1
150 12.8 10.2 15.4

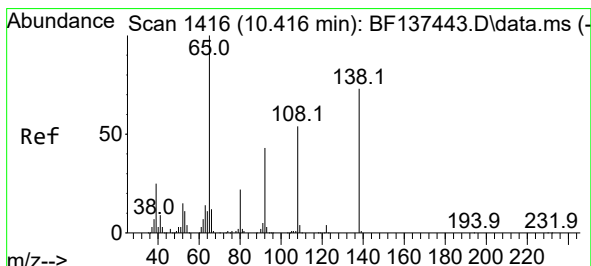
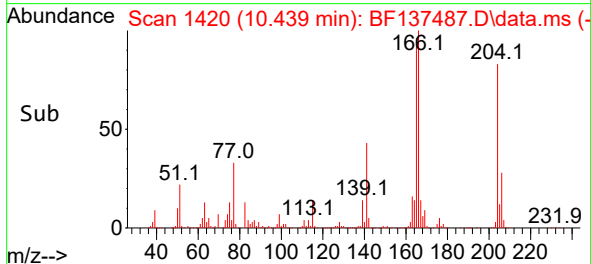
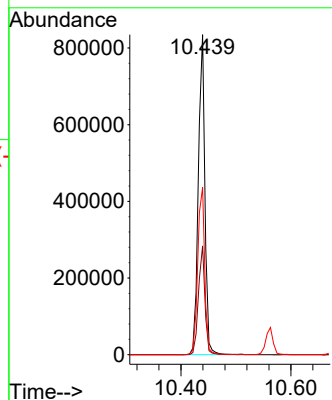
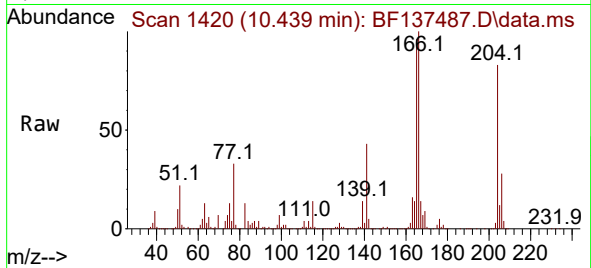




#61
4-Chlorophenyl-phenylether
Concen: 44.554 ng
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

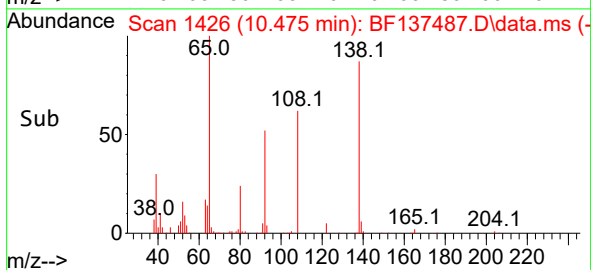
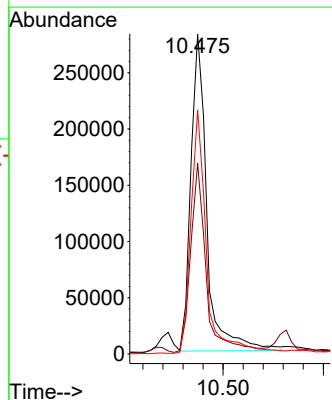
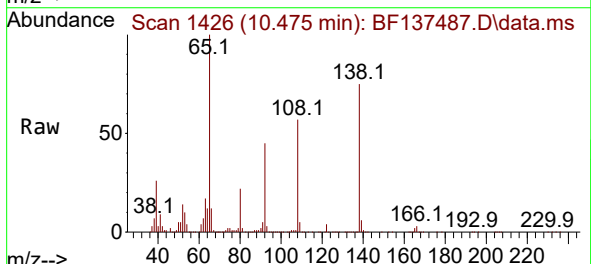
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

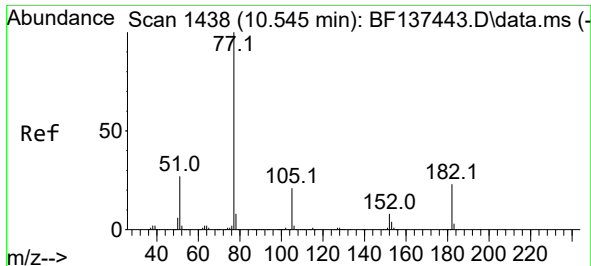
Tgt Ion:204 Resp: 692323
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 52.3 48.4 72.6



#62
4-Nitroaniline
Concen: 46.386 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:138 Resp: 312169
Ion Ratio Lower Upper
138 100
92 59.6 37.9 77.9
108 76.2 53.2 93.2

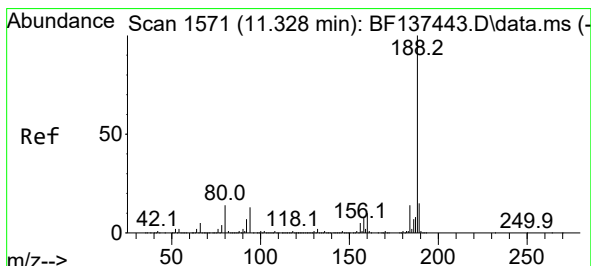
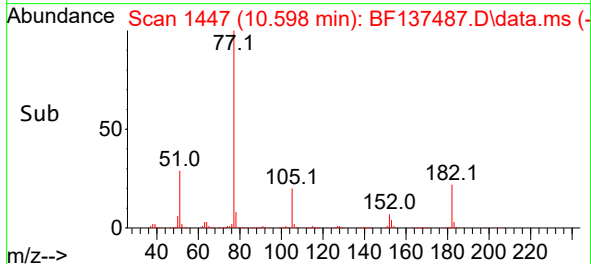
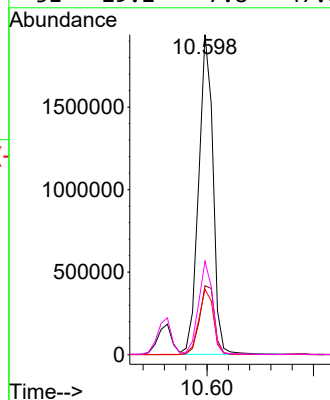
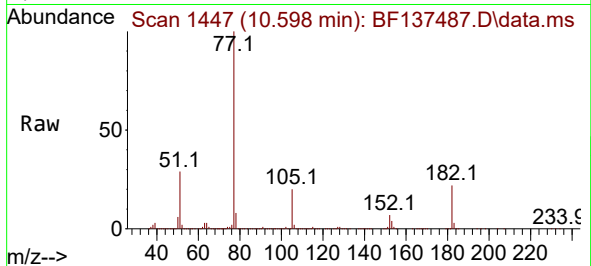




#63
Azobenzene
Concen: 47.097 ng
RT: 10.598 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

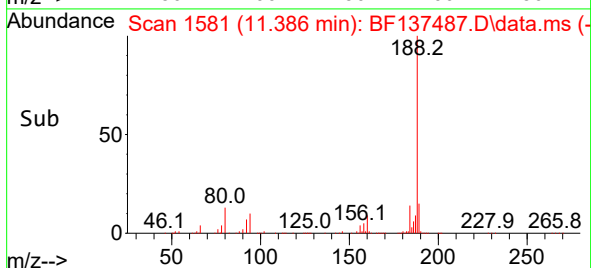
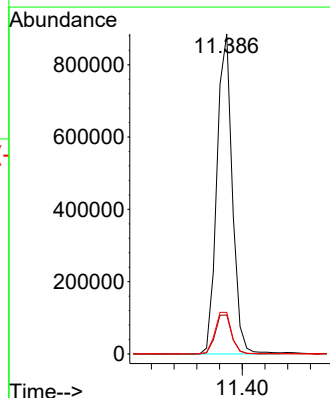
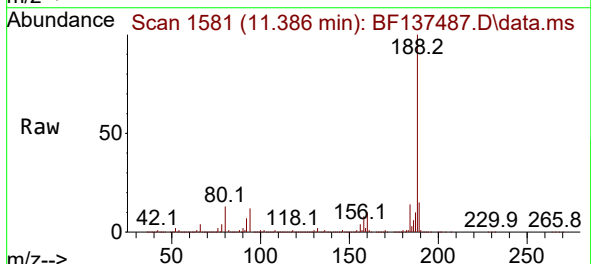
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

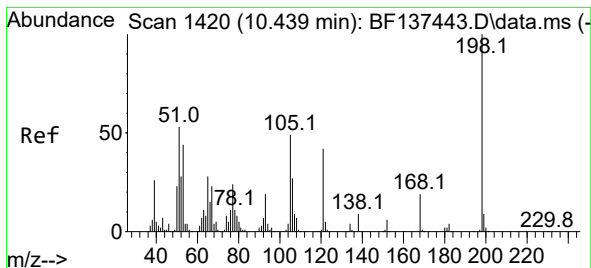
Tgt Ion: 77 Resp: 1812536
Ion Ratio Lower Upper
77 100
182 21.6 3.2 43.2
105 20.4 1.2 41.2
51 29.2 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:188 Resp: 836285
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 13.0 11.5 17.3

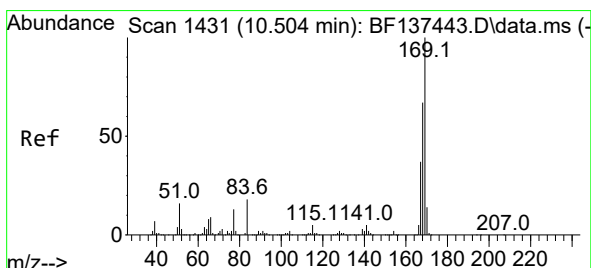
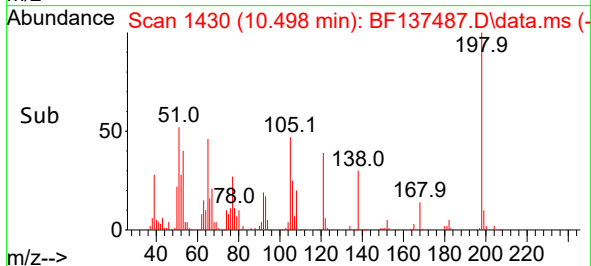
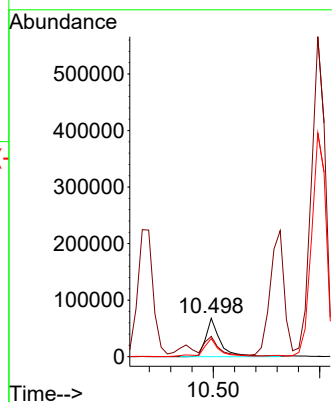
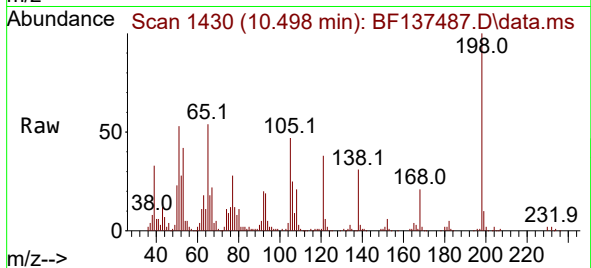




#65
4,6-Dinitro-2-methylphenol
Concen: 13.594 ng
RT: 10.498 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

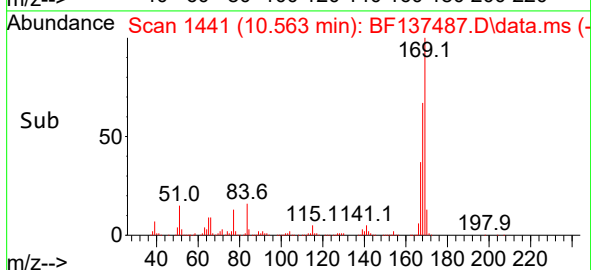
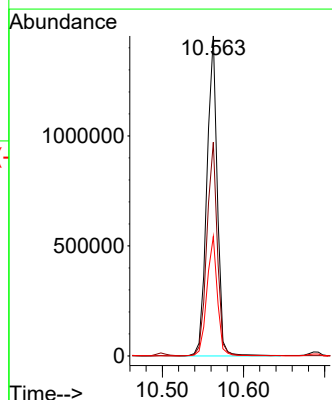
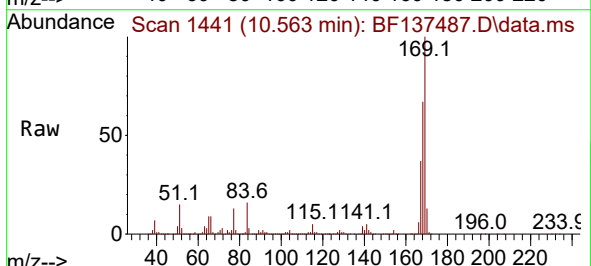
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

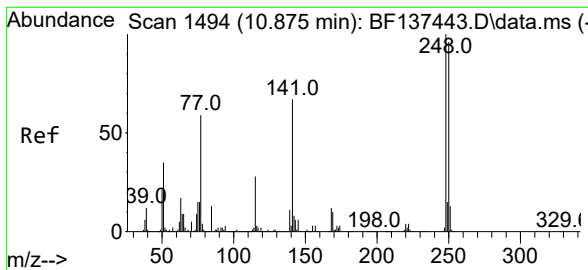
Tgt Ion:198 Resp: 63360
Ion Ratio Lower Upper
198 100
51 52.8 37.2 77.2
105 47.0 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 48.083 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:169 Resp: 1294855
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 37.3 29.6 44.4

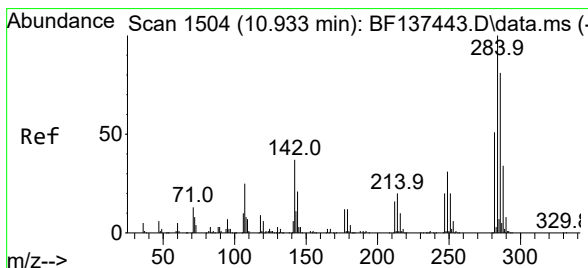
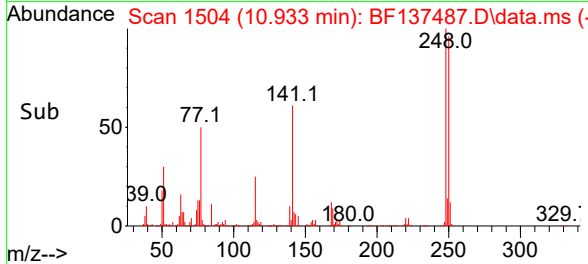
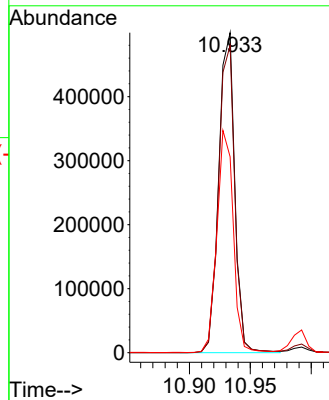
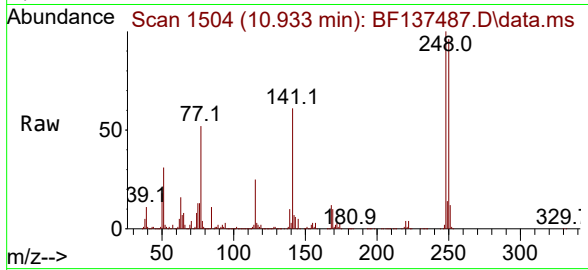




#67
4-Bromophenyl-phenylether
Concen: 50.430 ng
RT: 10.933 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

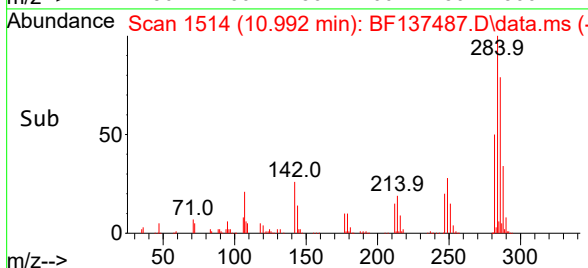
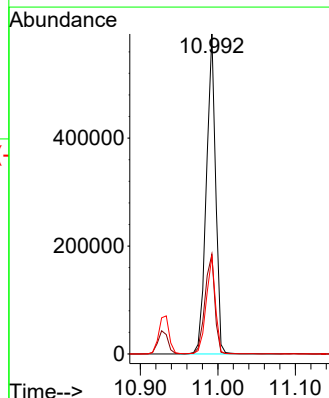
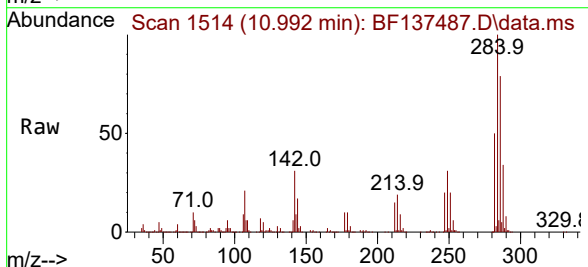
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

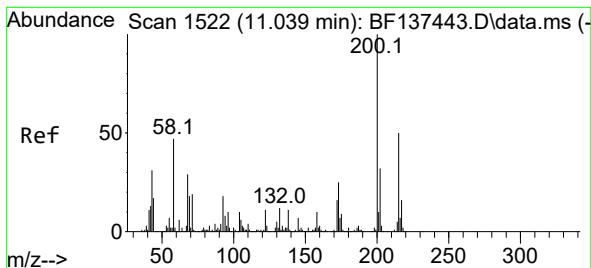
Tgt Ion:248 Resp: 459346
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 61.2 53.4 80.0



#68
Hexachlorobenzene
Concen: 53.621 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:284 Resp: 493310
Ion Ratio Lower Upper
284 100
142 31.1 29.4 44.0
249 30.5 25.0 37.4





#69

Atrazine

Concen: 52.975 ng

RT: 11.098 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

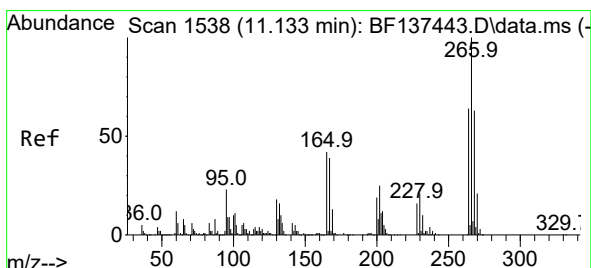
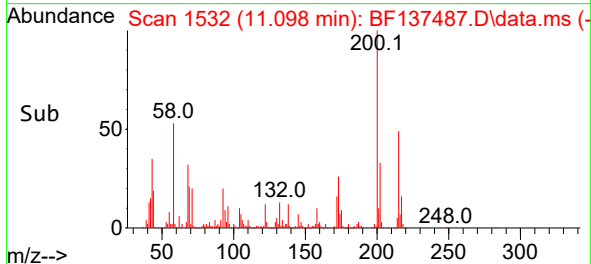
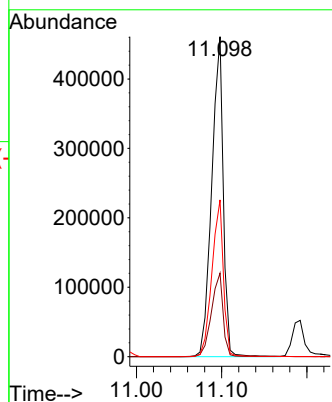
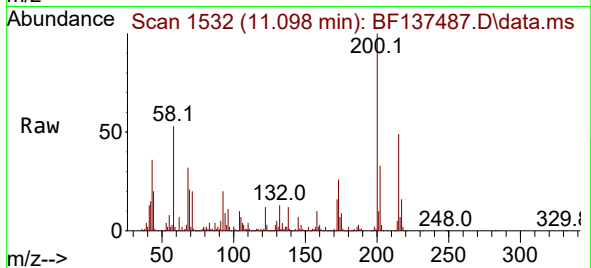
Tgt Ion:200 Resp: 433681

Ion Ratio Lower Upper

200 100

173 26.1 5.1 45.1

215 49.0 30.4 70.4



#70

Pentachlorophenol

Concen: 56.368 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

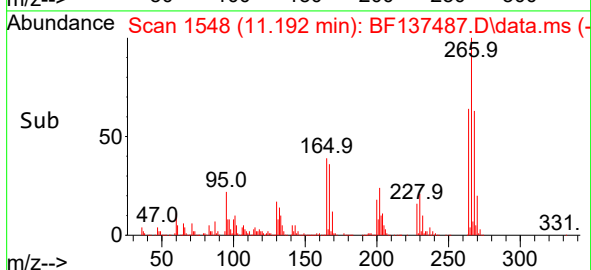
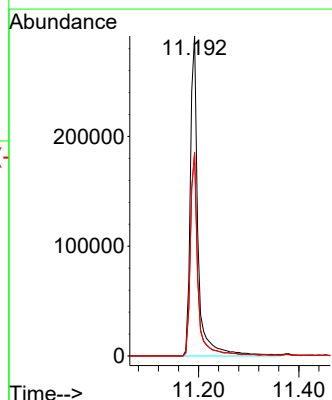
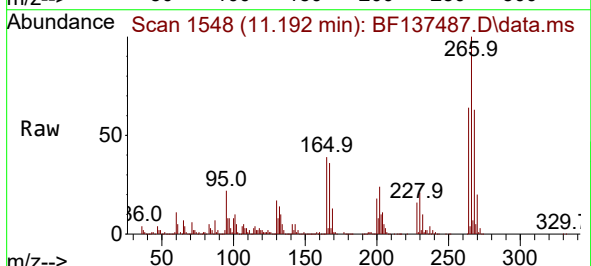
Tgt Ion:266 Resp: 313488

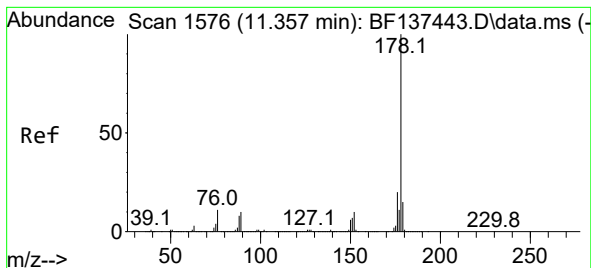
Ion Ratio Lower Upper

266 100

268 63.5 50.2 75.2

264 63.7 50.9 76.3





#71

Phenanthrene

Concen: 47.205 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

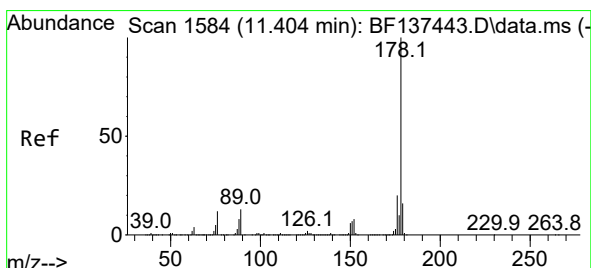
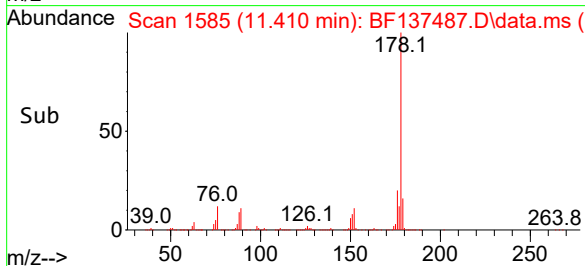
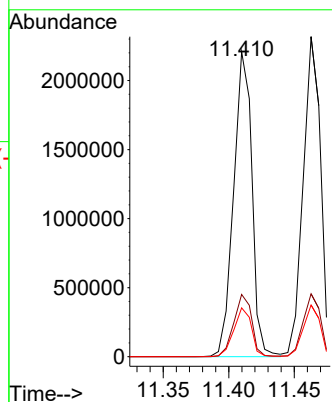
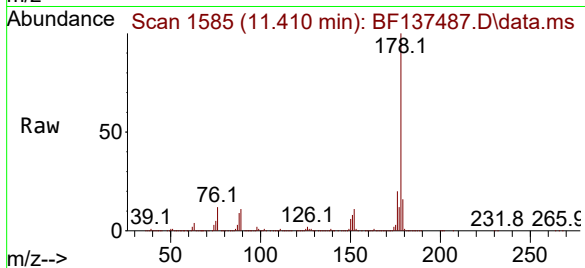
Tgt Ion:178 Resp: 2148417

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

179 16.0 12.2 18.2



#72

Anthracene

Concen: 47.063 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

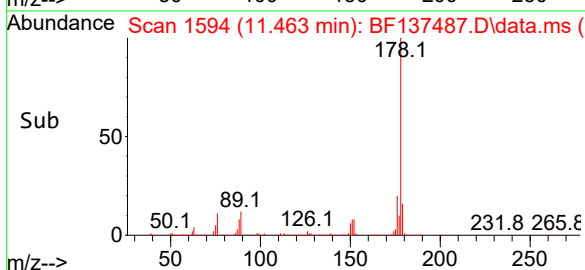
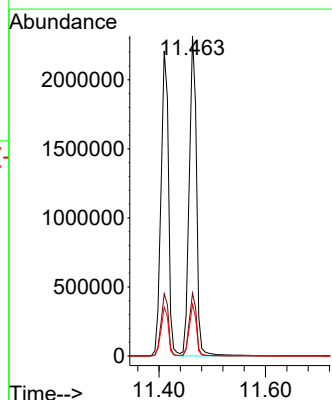
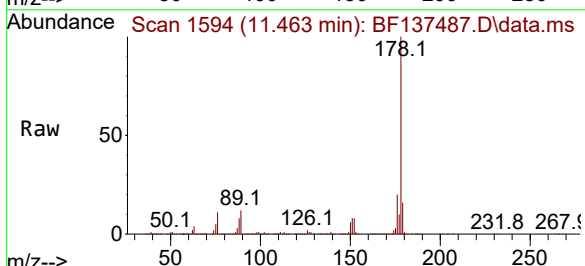
Tgt Ion:178 Resp: 2199922

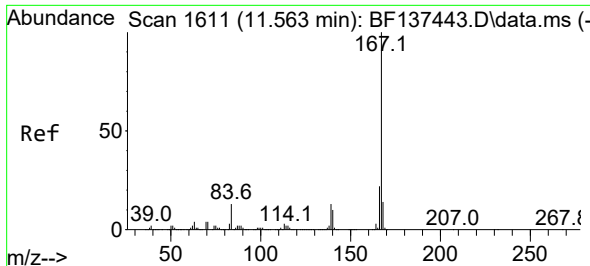
Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 16.1 12.7 19.1

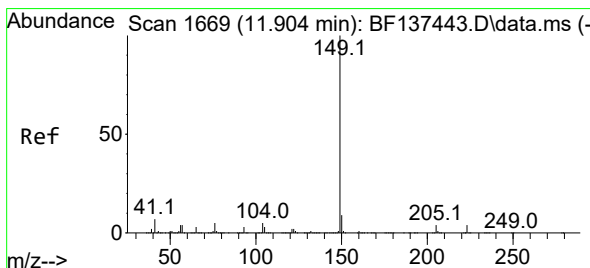
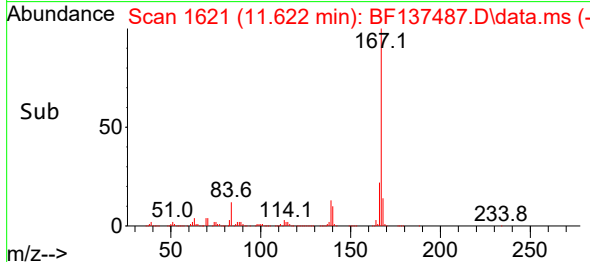
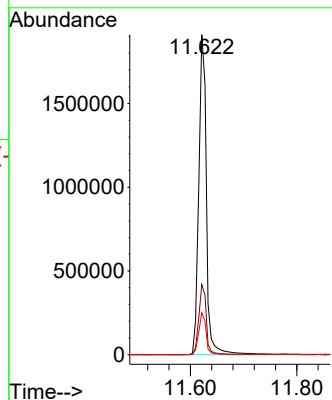
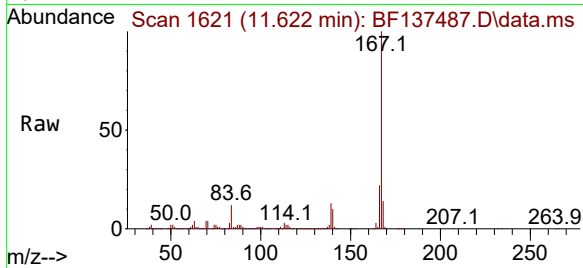




#73
Carbazole
Concen: 47.626 ng
RT: 11.622 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

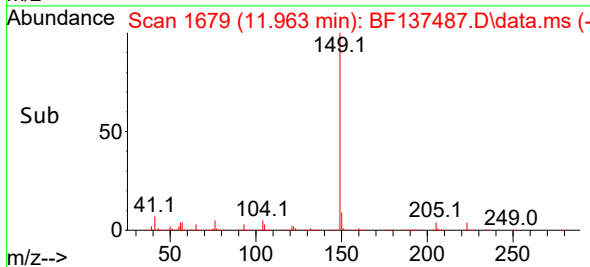
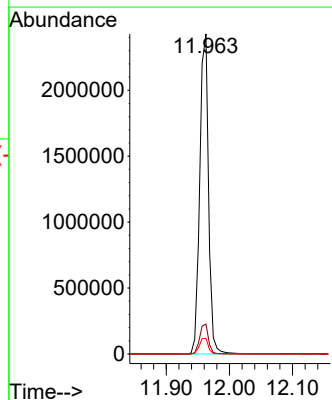
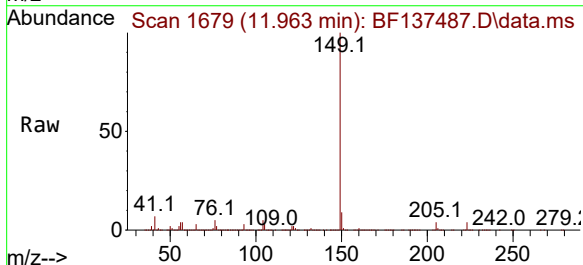
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

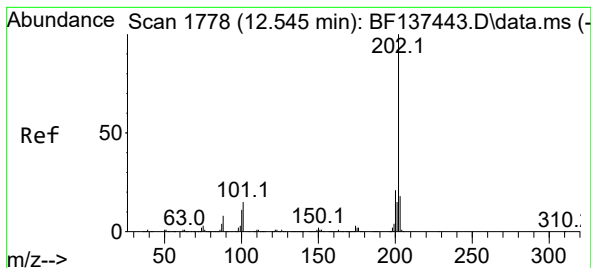
Tgt Ion:167 Resp: 1906912
Ion Ratio Lower Upper
167 100
166 21.9 17.8 26.8
139 13.1 10.5 15.7



#74
Di-n-butylphthalate
Concen: 49.006 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:149 Resp: 2334517
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 43.907 ng

RT: 12.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

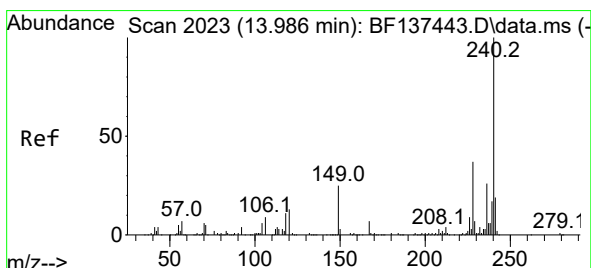
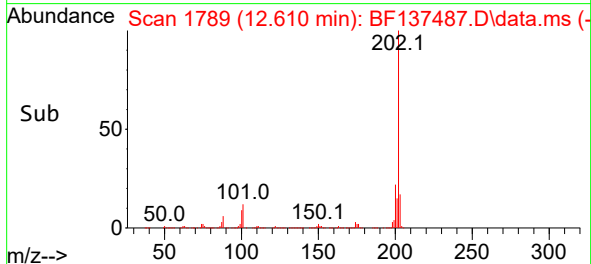
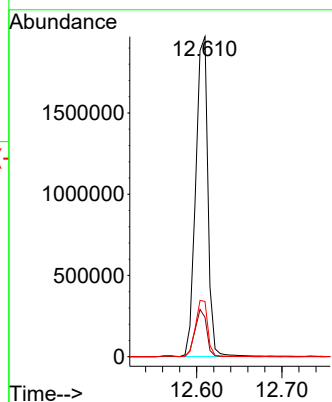
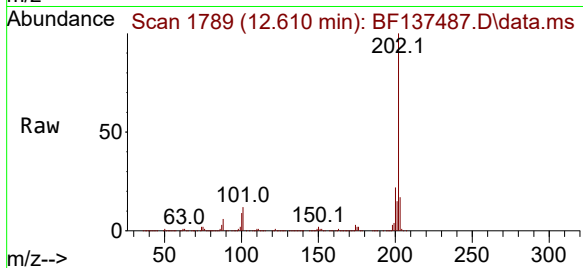
Tgt Ion:202 Resp: 1953321

Ion Ratio Lower Upper

202 100

101 12.3 0.0 35.0

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

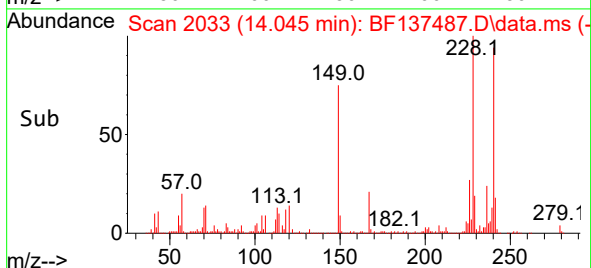
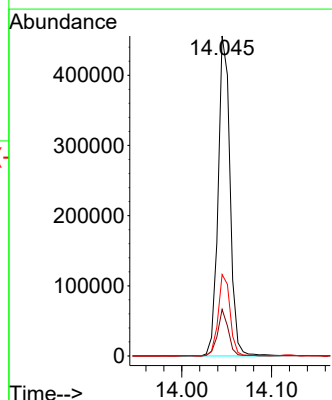
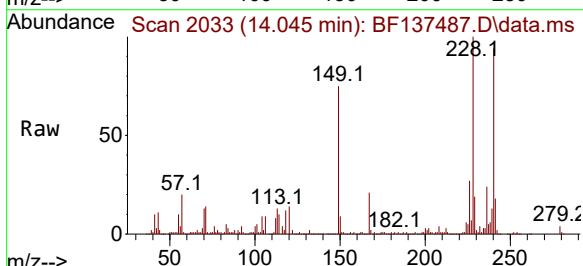
Tgt Ion:240 Resp: 420632

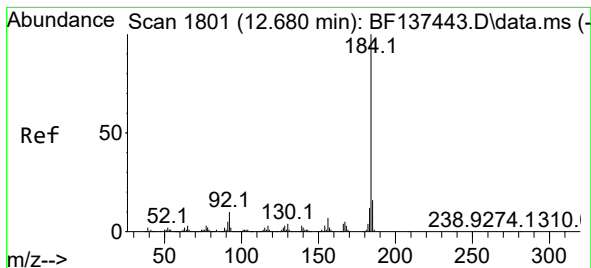
Ion Ratio Lower Upper

240 100

120 14.6 10.4 15.6

236 25.4 20.9 31.3





#77

Benzidine

Concen: 57.887 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

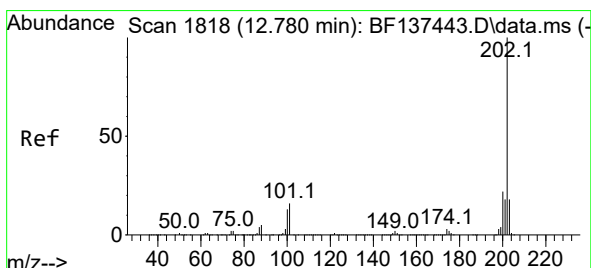
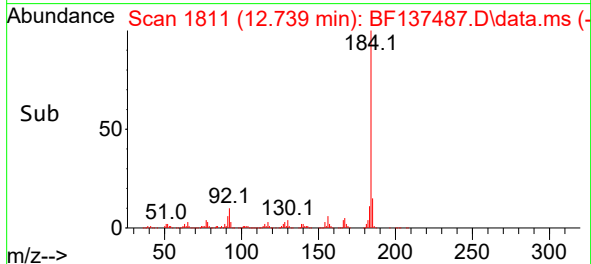
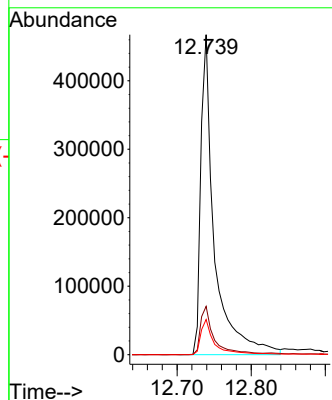
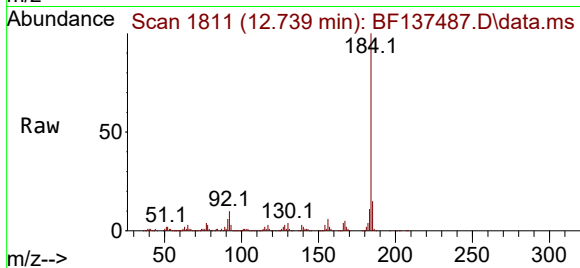
Tgt Ion:184 Resp: 595876

Ion Ratio Lower Upper

184 100

185 15.1 13.2 19.8

183 11.0 9.3 13.9



#78

Pyrene

Concen: 47.265 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

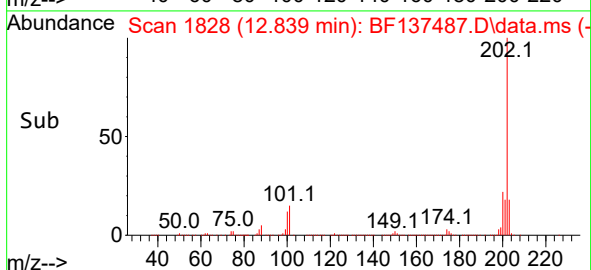
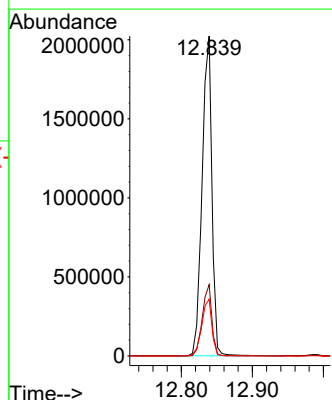
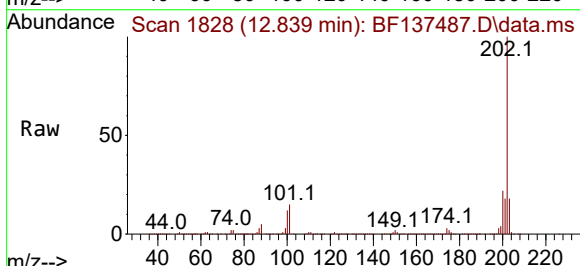
Tgt Ion:202 Resp: 1950792

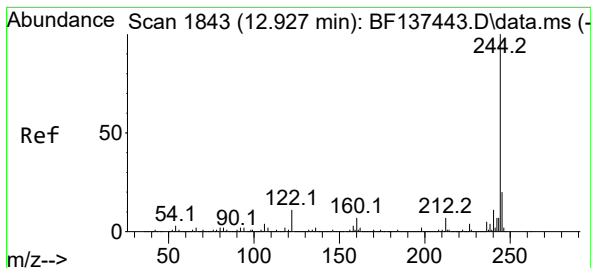
Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 93.559 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

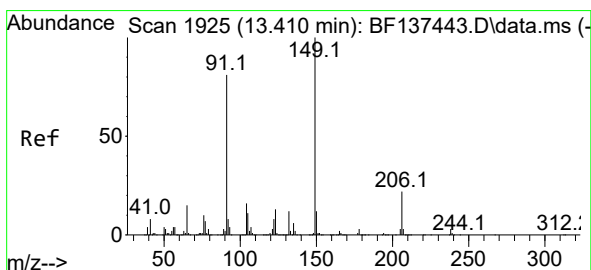
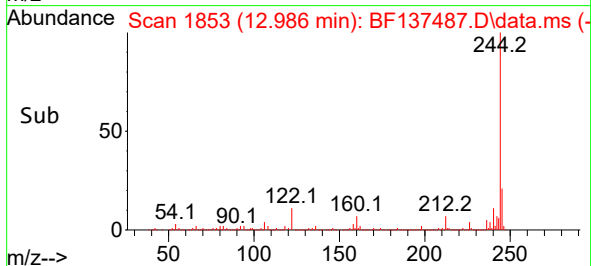
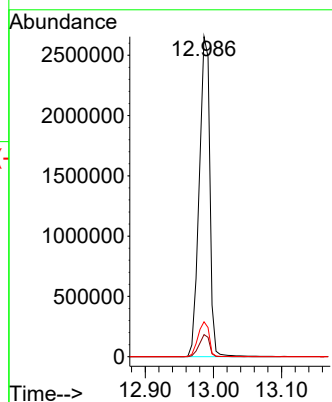
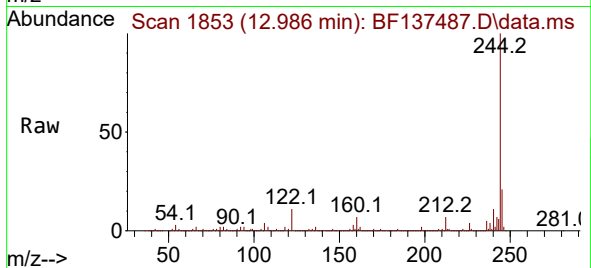
Tgt Ion:244 Resp: 2861876

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.9 9.1 13.7



#80

Butylbenzylphthalate

Concen: 59.411 ng

RT: 13.468 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

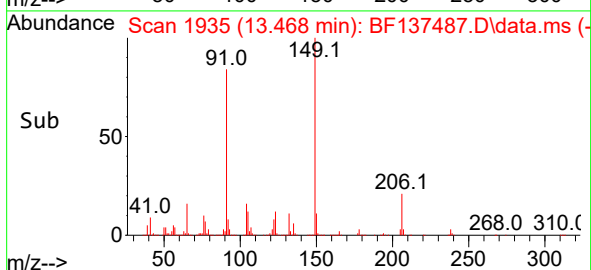
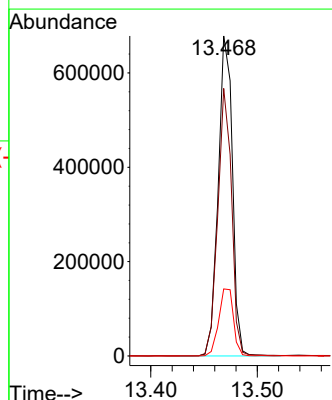
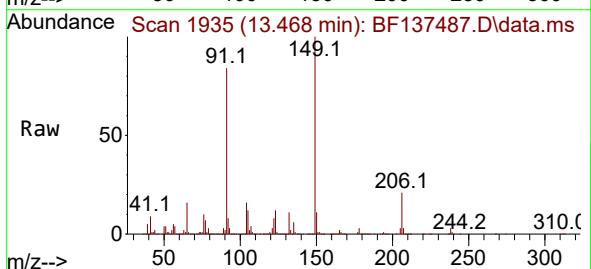
Tgt Ion:149 Resp: 626234

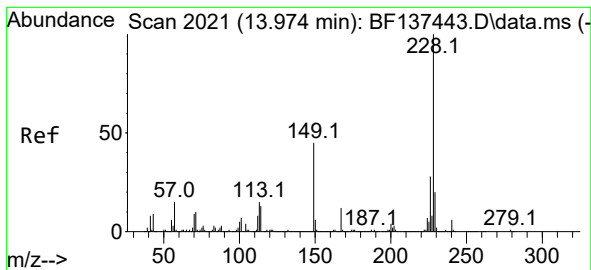
Ion Ratio Lower Upper

149 100

91 83.6 64.7 97.1

206 21.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 49.407 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

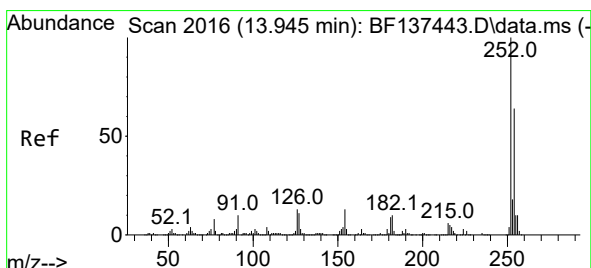
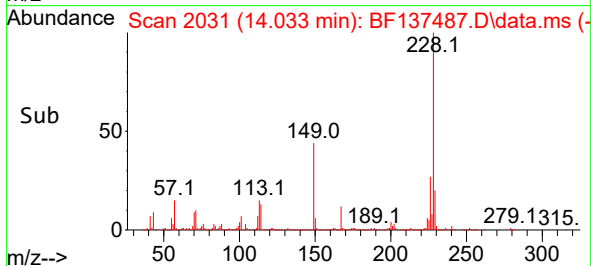
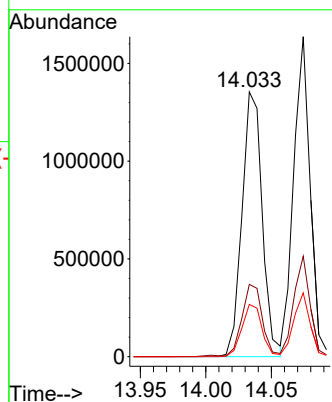
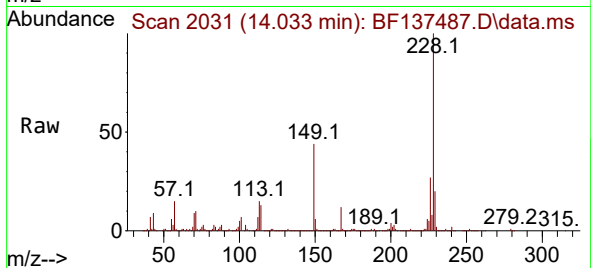
Tgt Ion:228 Resp: 1456600

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

229 19.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 52.031 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

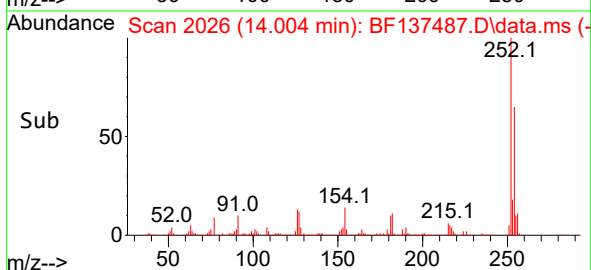
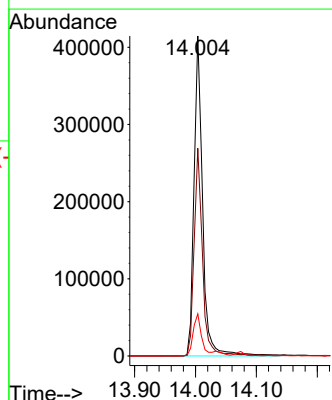
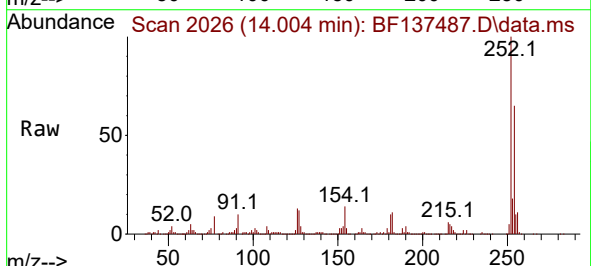
Tgt Ion:252 Resp: 408496

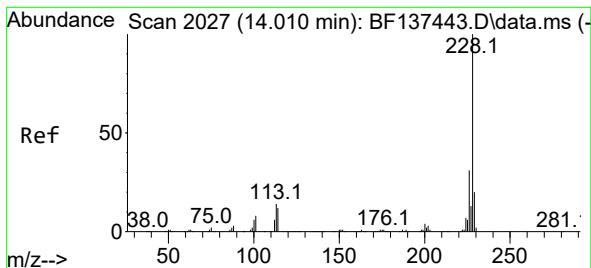
Ion Ratio Lower Upper

252 100

254 64.9 51.4 77.2

126 13.2 10.4 15.6





#83

Chrysene

Concen: 49.031 ng

RT: 14.074 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

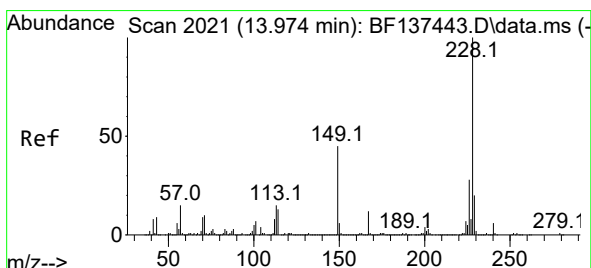
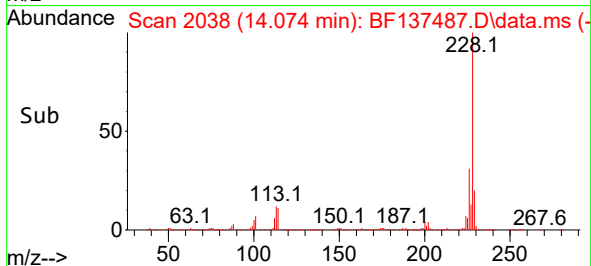
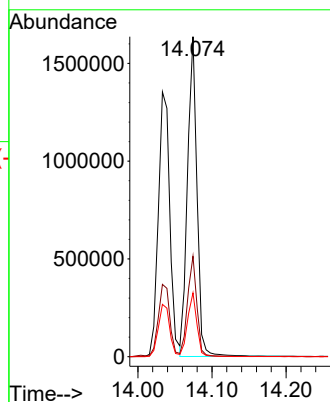
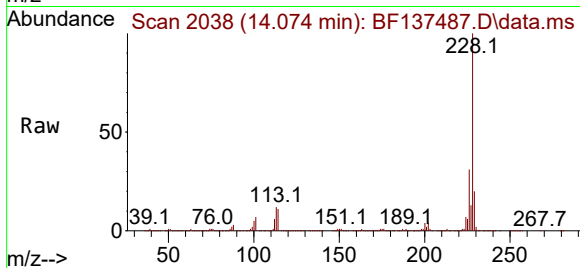
Tgt Ion:228 Resp: 1460963

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.810 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

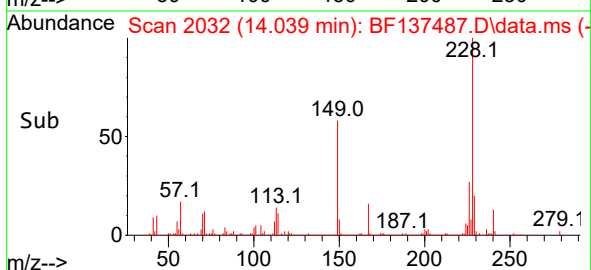
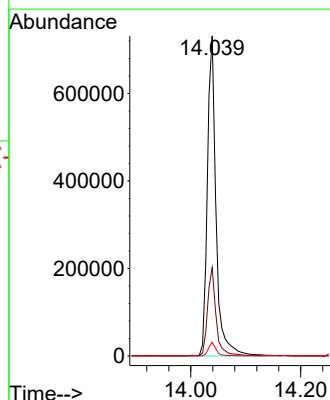
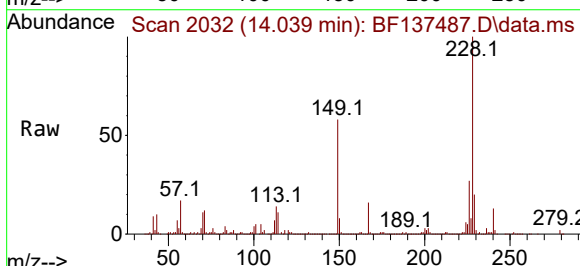
Tgt Ion:149 Resp: 801305

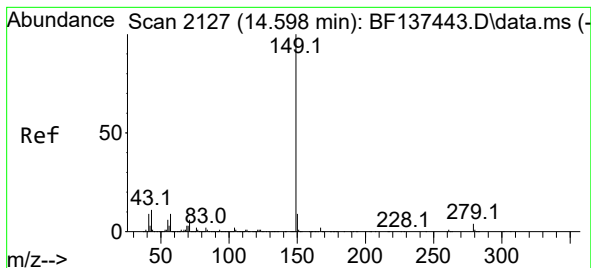
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 4.2 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 56.746 ng

RT: 14.663 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

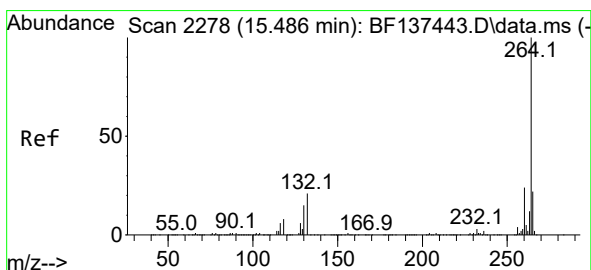
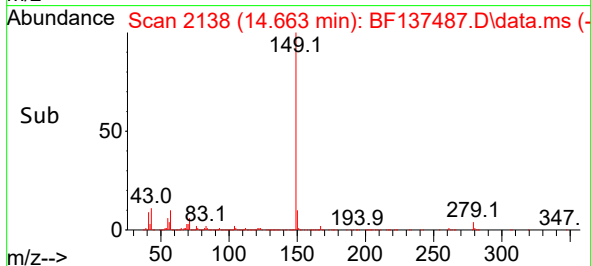
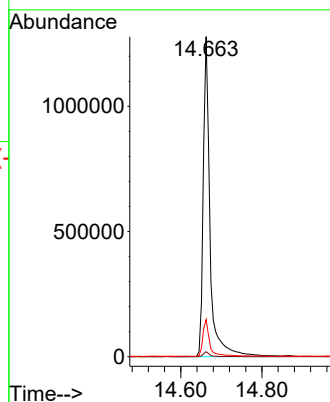
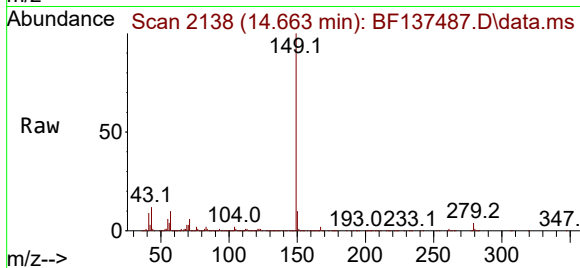
Tgt Ion:149 Resp: 1495075

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 11.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

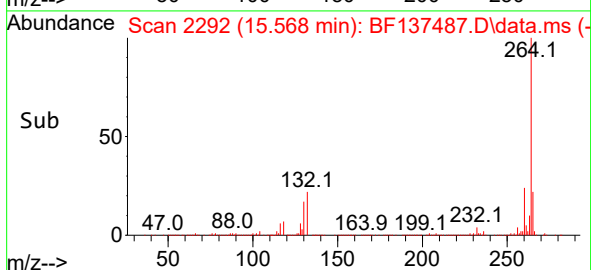
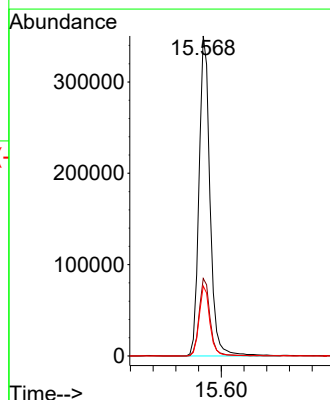
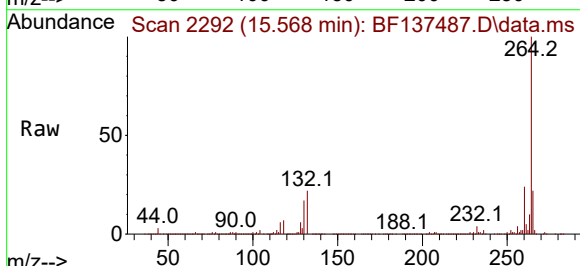
Tgt Ion:264 Resp: 471388

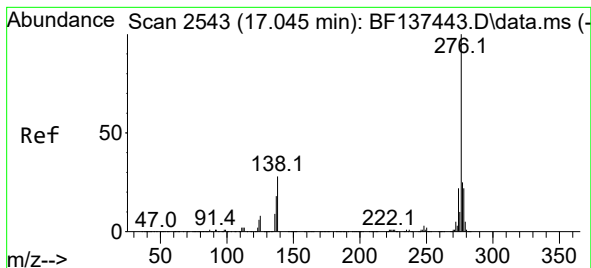
Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.297 ng

RT: 17.156 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

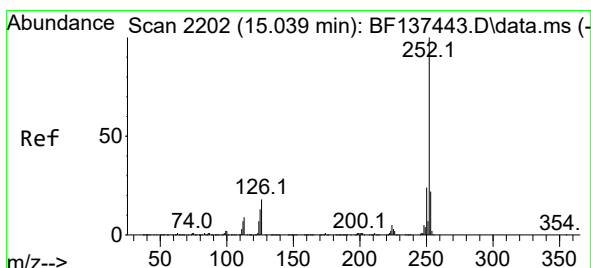
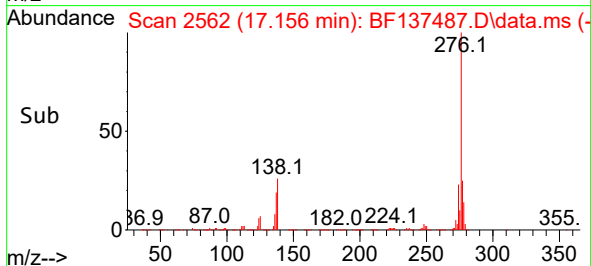
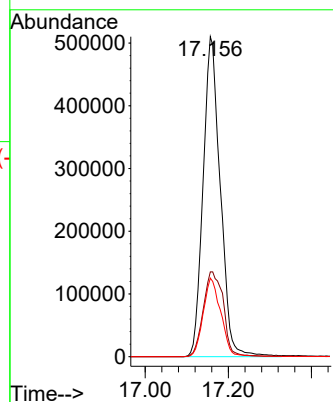
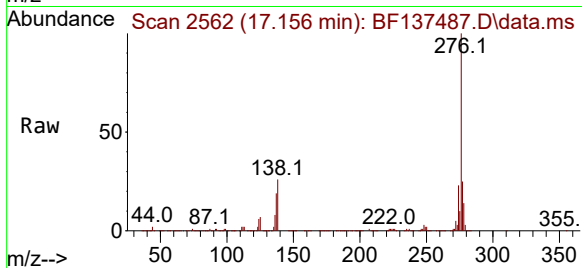
Tgt Ion:276 Resp: 1467196

Ion Ratio Lower Upper

276 100

138 31.0 25.8 38.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.630 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

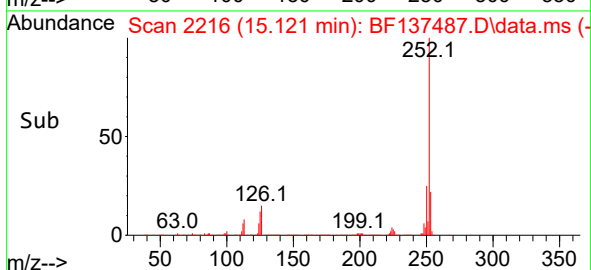
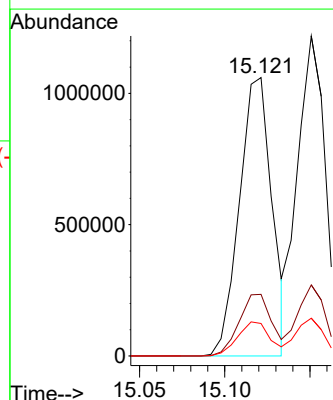
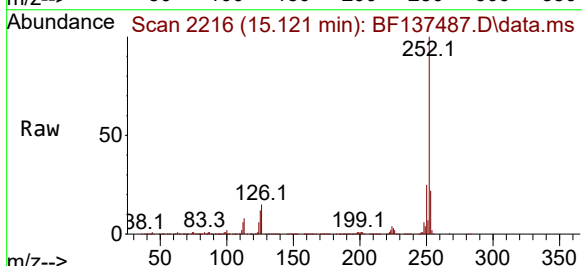
Tgt Ion:252 Resp: 1411800

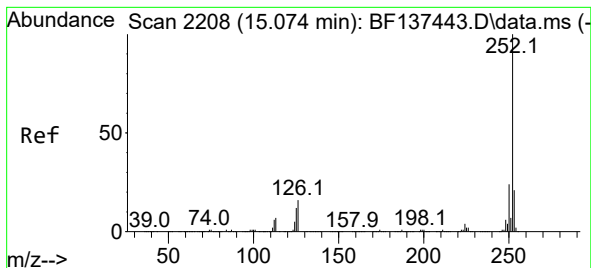
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.7 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 48.402 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

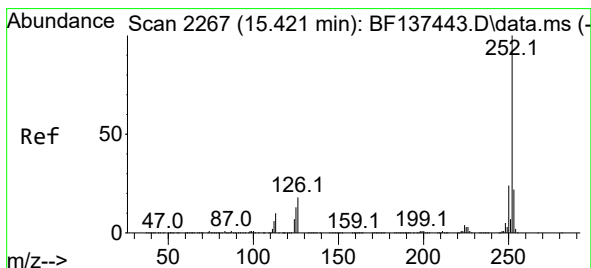
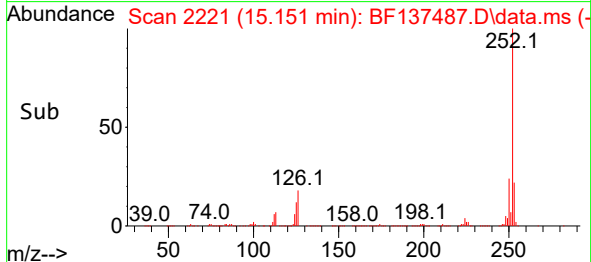
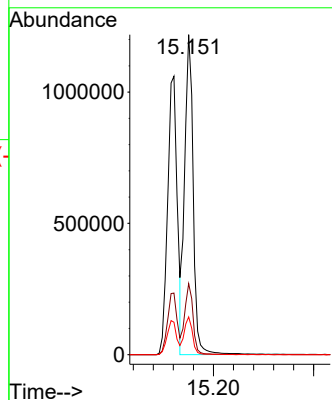
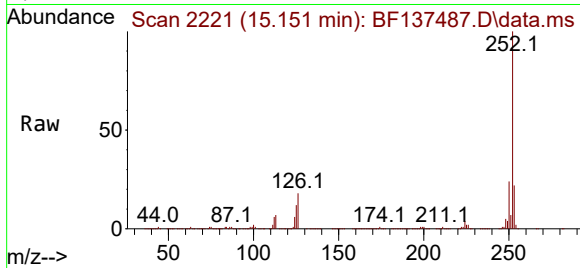
Tgt Ion:252 Resp: 1449654

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.8 9.6 14.4



#90

Benzo(a)pyrene

Concen: 49.197 ng

RT: 15.510 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF137487.D

Acq: 04 Mar 2024 18:19

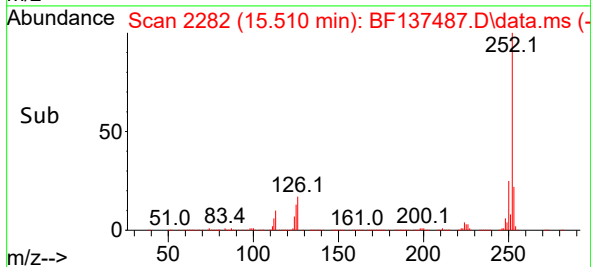
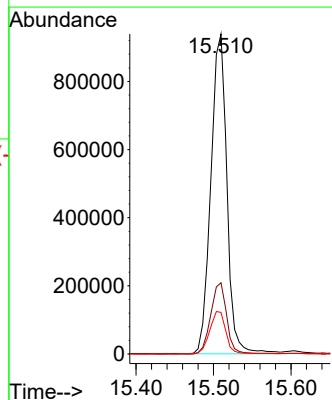
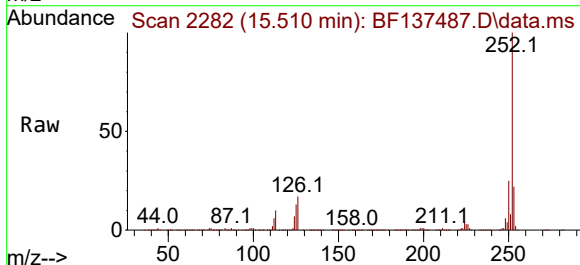
Tgt Ion:252 Resp: 1351875

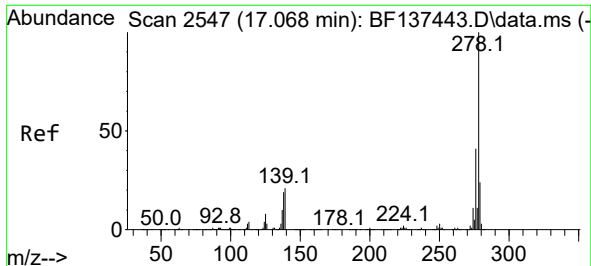
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 13.0 10.4 15.6

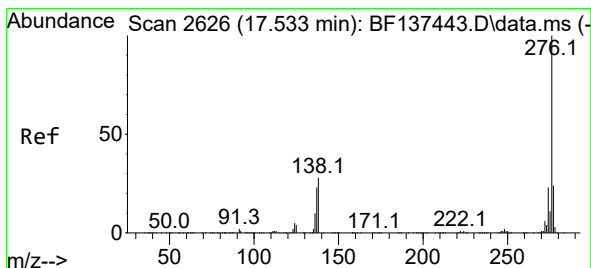
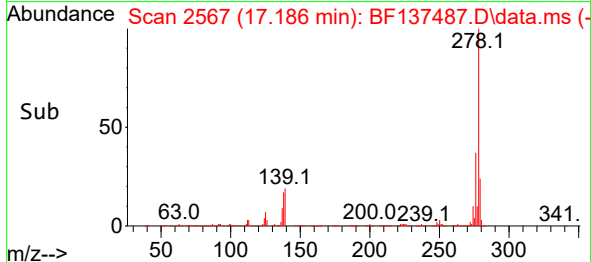
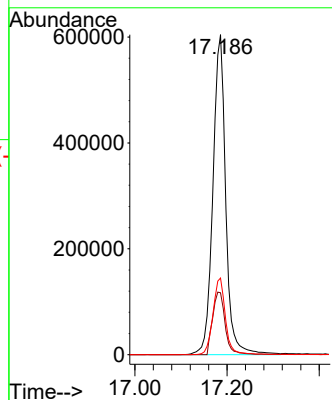
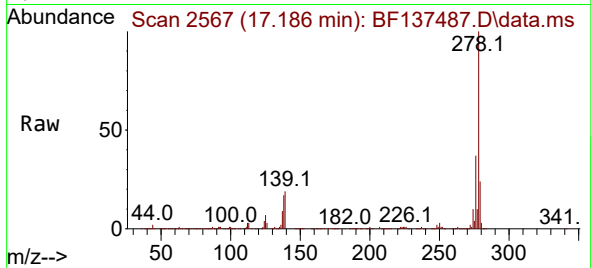




#91
Dibenzo(a,h)anthracene
Concen: 46.491 ng
RT: 17.186 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

Tgt Ion:278 Resp: 1169903
Ion Ratio Lower Upper
278 100
139 19.3 17.0 25.6
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 42.992 ng
RT: 17.639 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BF137487.D
Acq: 04 Mar 2024 18:19

Tgt Ion:276 Resp: 1111053
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 27.3 22.2 33.2

