

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135504.D
 Acq On : 28 Sep 2023 20:40
 Operator : CG\JU
 Sample : 04621-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MS

Quant Time: Sep 29 00:26:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	139969	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	499566	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	209333	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	370215	20.000	ng	0.00
76) Chrysene-d12	13.933	240	251649	20.000	ng	0.00
86) Perylene-d12	15.392	264	204719	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	796921	92.603	ng	0.01
7) Phenol-d6	6.404	99	952759	87.067	ng	0.00
23) Nitrobenzene-d5	7.316	82	597182	64.945	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	167702	80.616	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	922217	66.467	ng	0.00
79) Terphenyl-d14	12.869	244	850155	52.371	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	190832	50.584	ng	92
3) Pyridine	3.257	79	422442	41.605	ng	94
4) n-Nitrosodimethylamine	3.216	42	273774	50.811	ng	93
6) Aniline	6.416	93	347167	24.193	ng	# 1
8) 2-Chlorophenol	6.540	128	434283	47.273	ng	97
9) Benzaldehyde	6.304	77	100837	16.176	ng	95
10) Phenol	6.416	94	517879	43.159	ng	90
11) bis(2-Chloroethyl)ether	6.487	93	443380	49.260	ng	99
12) 1,3-Dichlorobenzene	6.687	146	440170	47.146	ng	98
13) 1,4-Dichlorobenzene	6.763	146	447836	47.146	ng	99
14) 1,2-Dichlorobenzene	6.916	146	414584	46.999	ng	97
15) Benzyl Alcohol	6.898	79	350263	44.606	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	765571	45.125	ng	83
17) 2-Methylphenol	7.016	107	320519	39.536	ng	# 93
18) Hexachloroethane	7.251	117	153766	43.811	ng	93
19) n-Nitroso-di-n-propyla...	7.163	70	277478	40.938	ng	94
20) 3+4-Methylphenols	7.169	107	406563	41.706	ng	# 70
22) Acetophenone	7.157	105	550874	48.232	ng	# 90
24) Nitrobenzene	7.334	77	442637	48.703	ng	98
25) Isophorone	7.569	82	775490	45.929	ng	97
26) 2-Nitrophenol	7.645	139	185843	42.605	ng	99
27) 2,4-Dimethylphenol	7.692	122	313923	42.816	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	508919	50.358	ng	99
29) 2,4-Dichlorophenol	7.892	162	305046	44.900	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	337248	47.492	ng	99
31) Naphthalene	8.045	128	1147578	47.279	ng	99
32) Benzoic acid	7.828	122	204843	37.103	ng	99
33) 4-Chloroaniline	8.104	127	226788	21.296	ng	99
34) Hexachlorobutadiene	8.157	225	191469	44.716	ng	100
35) Caprolactam	8.475	113	99250	43.528	ng	98
36) 4-Chloro-3-methylphenol	8.598	107	305934	40.516	ng	97
37) 2-Methylnaphthalene	8.739	142	678165	41.565	ng	98
38) 1-Methylnaphthalene	8.839	142	646718	42.337	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	309222	50.988	ng	99
41) Hexachlorocyclopentadiene	8.887	237	32531	18.434	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	196064	49.377	ng	95

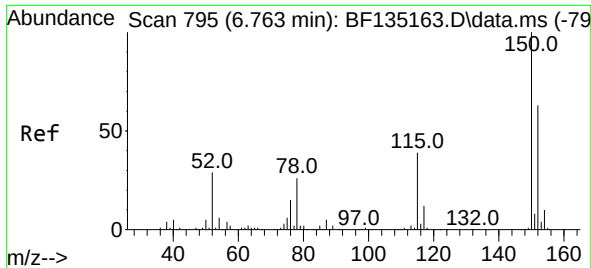
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	199357	43.597	ng	97
46) 1,1'-Biphenyl	9.204	154	812570	50.511	ng	98
47) 2-Chloronaphthalene	9.228	162	584658	50.091	ng	98
48) 2-Nitroaniline	9.334	65	224829	49.582	ng	96
49) Acenaphthylene	9.645	152	969834	49.997	ng	99
50) Dimethylphthalate	9.510	163	682728	48.239	ng	100
51) 2,6-Dinitrotoluene	9.575	165	142721	46.032	ng	96
52) Acenaphthene	9.816	154	582767	50.855	ng	98
53) 3-Nitroaniline	9.751	138	145155	39.884	ng	92
54) 2,4-Dinitrophenol	9.869	184	16082	14.671	ng	99
55) Dibenzofuran	9.986	168	807340	46.169	ng	99
56) 4-Nitrophenol	9.934	139	205892	89.014	ng	91
57) 2,4-Dinitrotoluene	9.986	165	156566	40.336	ng	# 83
58) Fluorene	10.333	166	640741	47.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153195	43.552	ng	99
60) Diethylphthalate	10.210	149	657706	46.305	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	278680	43.155	ng	97
62) 4-Nitroaniline	10.363	138	151876	43.413	ng	97
63) Azobenzene	10.486	77	645261	46.418	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	18680	9.500	ng	99
66) n-Nitrosodiphenylamine	10.445	169	546123	48.726	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	171011	46.444	ng	97
68) Hexachlorobenzene	10.881	284	175932	46.901	ng	# 90
69) Atrazine	10.980	200	153218	50.805	ng	98
70) Pentachlorophenol	11.086	266	191503	85.328	ng	98
71) Phenanthrene	11.298	178	1141736	65.206	ng	98
72) Anthracene	11.351	178	995779	55.327	ng	99
73) Carbazole	11.516	167	899571	54.906	ng	97
74) Di-n-butylphthalate	11.839	149	977482	50.631	ng	99
75) Fluoranthene	12.498	202	1719653	94.254	ng	99
77) Benzidine	12.622	184	204889	39.742	ng	100
78) Pyrene	12.727	202	1545532	64.508	ng	99
80) Butylbenzylphthalate	13.345	149	432165	51.232	ng	93
81) Benzo(a)anthracene	13.921	228	1021855	62.885	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	226244	44.575	ng	# 98
83) Chrysene	13.963	228	989007	61.216	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	606326	70.044	ng	100
85) Di-n-octyl phthalate	14.527	149	1041997	75.745	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.868	276	603030	44.926	ng	97
88) Benzo(b)fluoranthene	14.968	252	843081	76.075	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	591393	54.022	ng	# 97
90) Benzo(a)pyrene	15.333	252	589548	55.784	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	453405	41.284	ng	99
92) Benzo(g,h,i)perylene	17.315	276	500830	43.664	ng	97

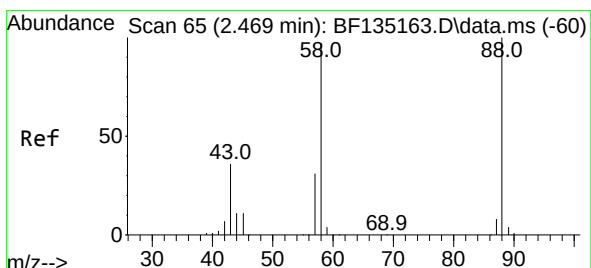
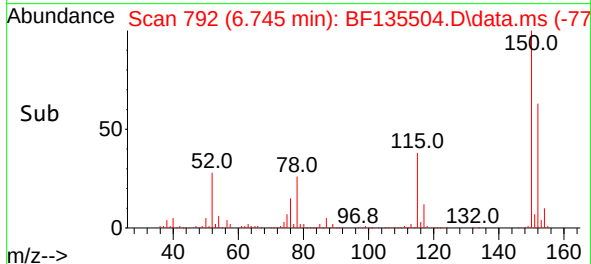
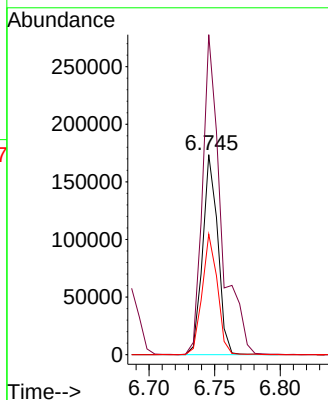
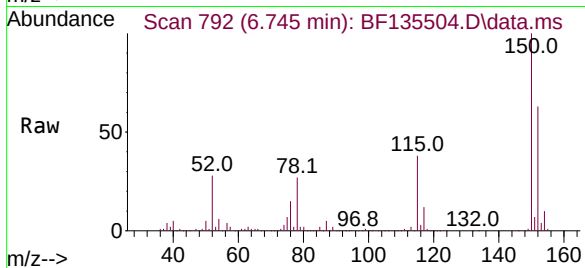
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 79
 Delta R.T. -0.001 min
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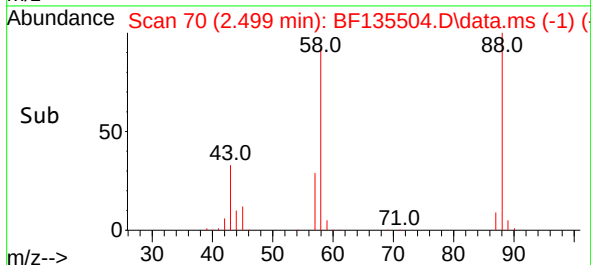
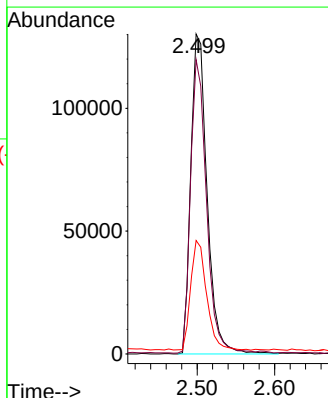
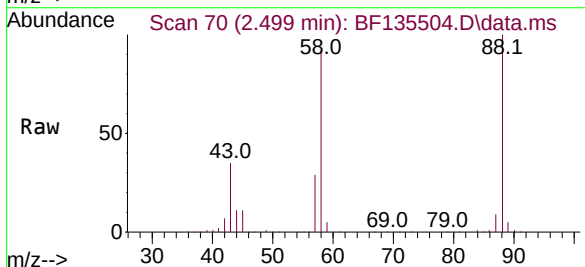
Instrument :
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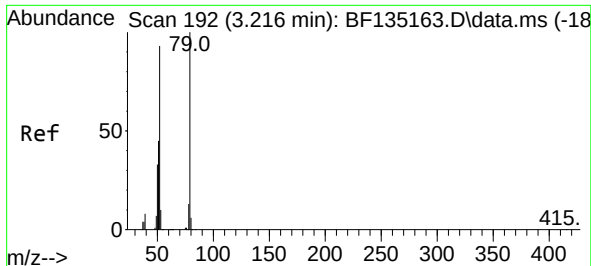
Tgt Ion:152 Resp: 139969
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.8 191.6
 115 60.2 49.8 74.8



#2
 1,4-Dioxane
 Concen: 50.584 ng
 RT: 2.499 min Scan# 70
 Delta R.T. 0.065 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

Tgt Ion: 88 Resp: 190832
 Ion Ratio Lower Upper
 88 100
 58 89.4 78.3 117.5
 43 33.4 29.4 44.0

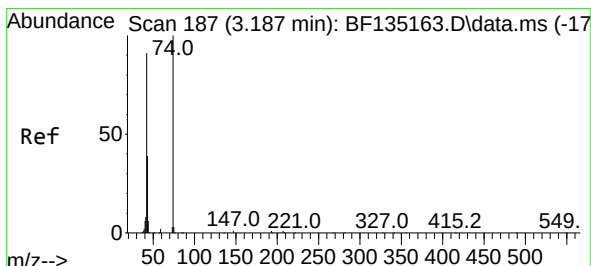
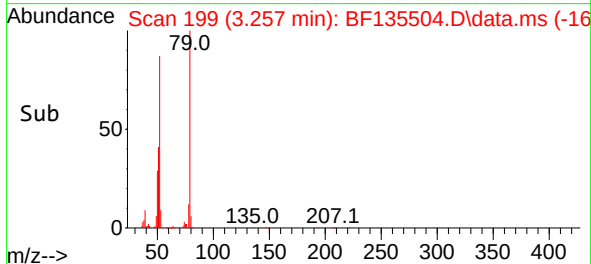
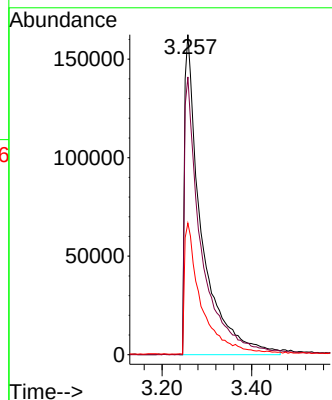
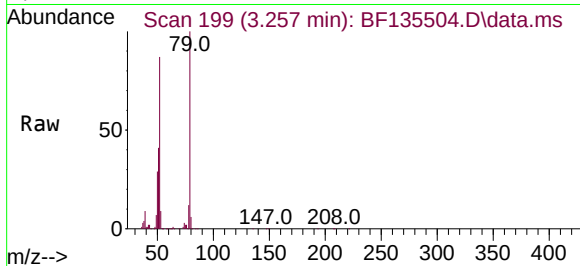




#3
 Pyridine
 Concen: 41.605 ng
 RT: 3.257 min Scan# 199
 Delta R.T. 0.082 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

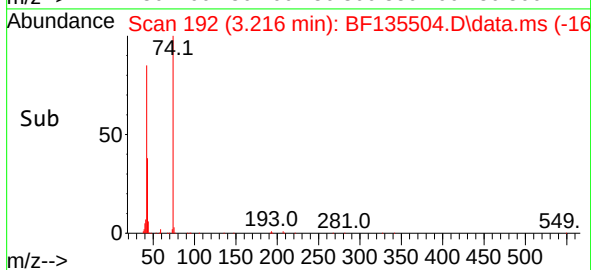
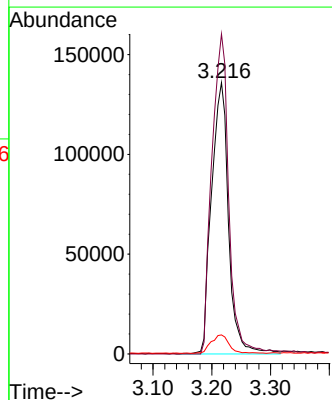
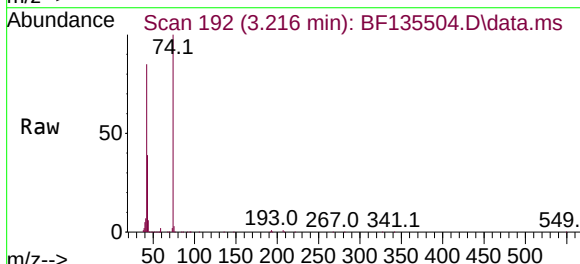
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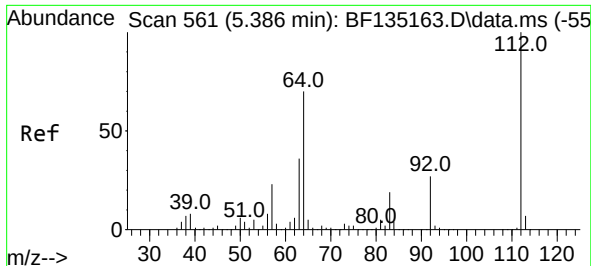
Tgt Ion: 79 Resp: 422442
 Ion Ratio Lower Upper
 79 100
 52 86.8 74.1 111.1
 51 41.1 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 50.811 ng
 RT: 3.216 min Scan# 192
 Delta R.T. 0.065 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

Tgt Ion: 42 Resp: 273774
 Ion Ratio Lower Upper
 42 100
 74 117.9 87.7 131.5
 44 7.0 5.6 8.4

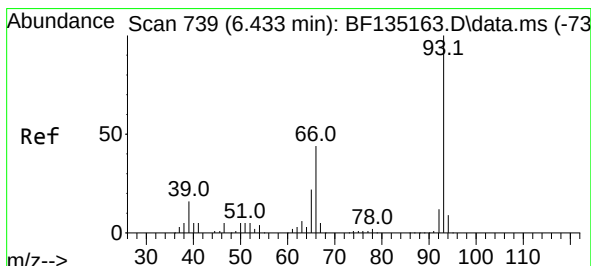
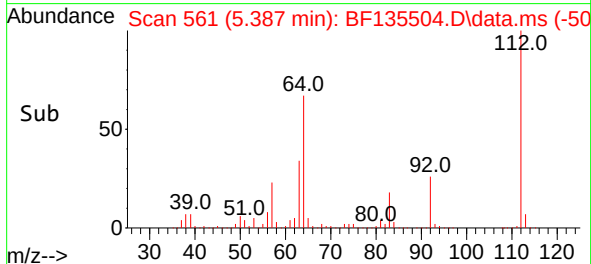
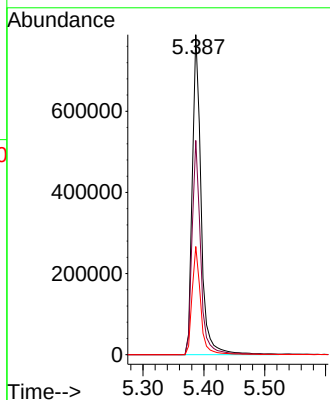
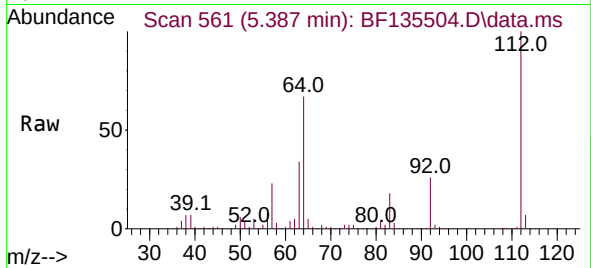




#5
2-Fluorophenol
Concen: 92.603 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

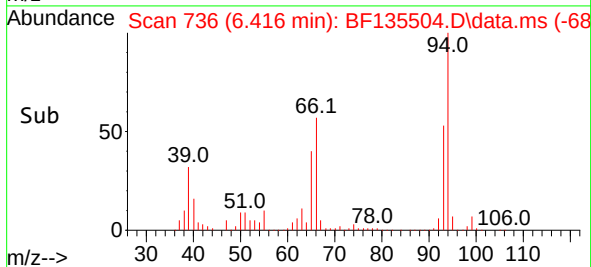
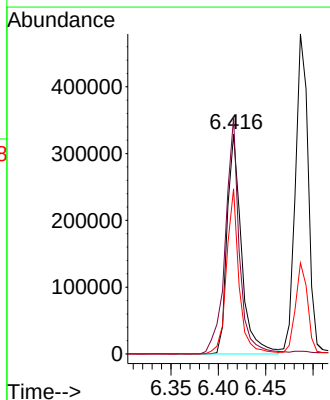
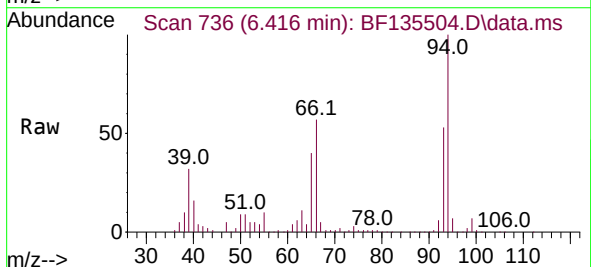
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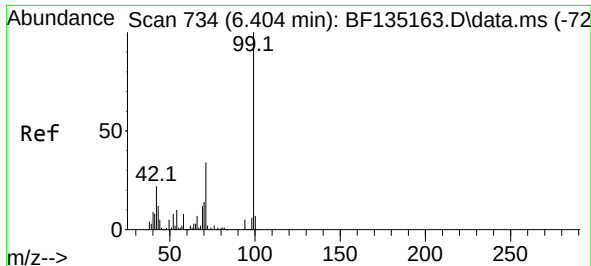
Tgt Ion:112 Resp: 796921
Ion Ratio Lower Upper
112 100
64 66.9 55.9 83.9
63 33.8 29.0 43.6



#6
Aniline
Concen: 24.193 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion: 93 Resp: 347167
Ion Ratio Lower Upper
93 100
66 107.5 35.4 53.0#
65 75.1 17.8 26.8#

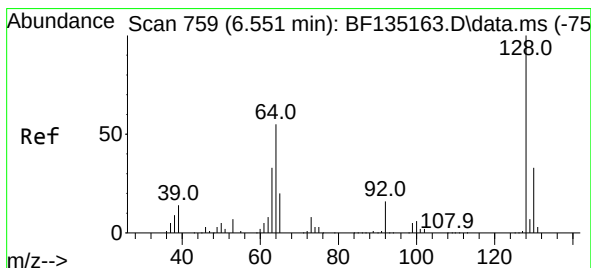
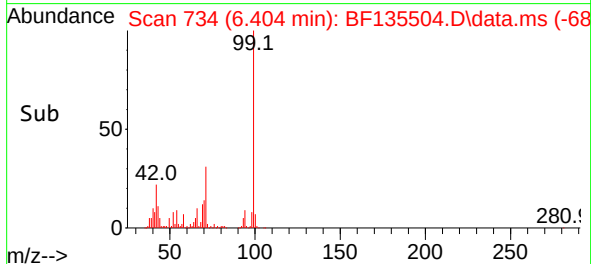
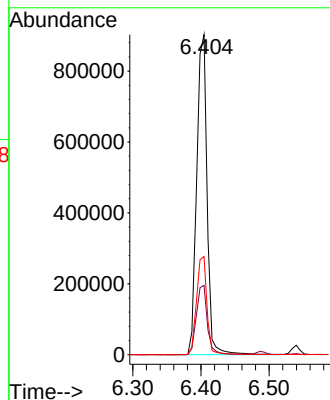
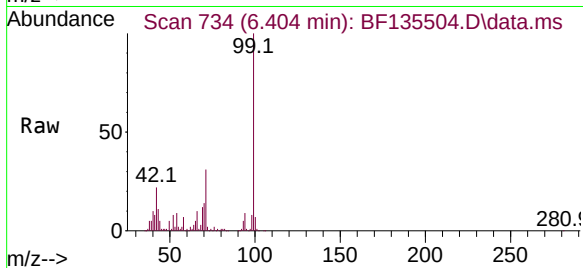




#7
Phenol-d6
Concen: 87.067 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

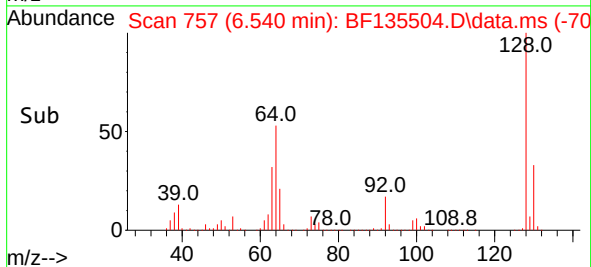
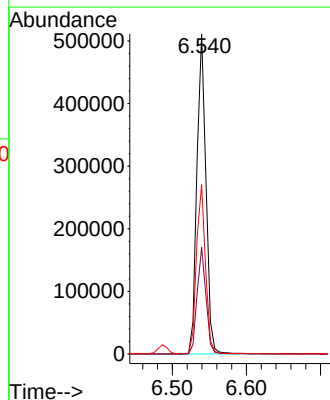
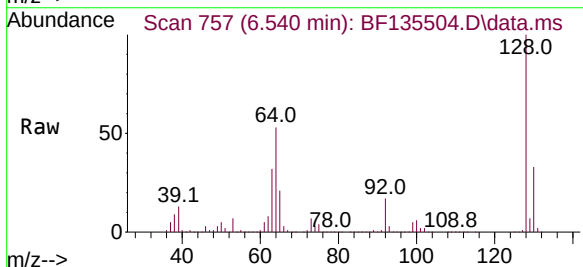
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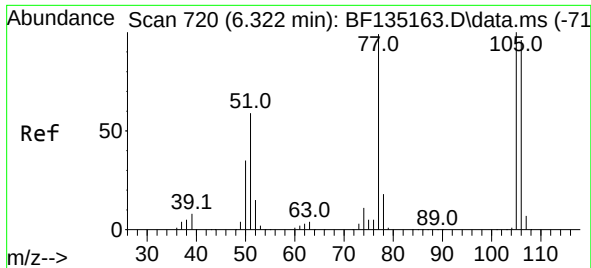
Tgt Ion: 99 Resp: 952759
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 30.6 27.0 40.6



#8
2-Chlorophenol
Concen: 47.273 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:128 Resp: 434283
Ion Ratio Lower Upper
128 100
130 33.3 12.7 52.7
64 52.9 35.9 75.9





#9

Benzaldehyde

Concen: 16.176 ng

RT: 6.304 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

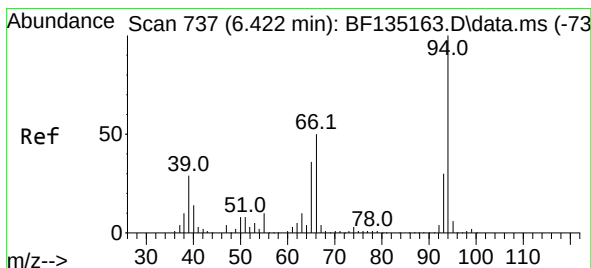
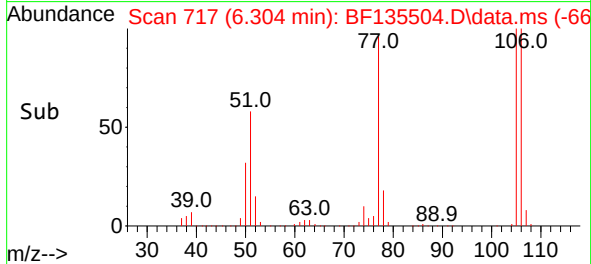
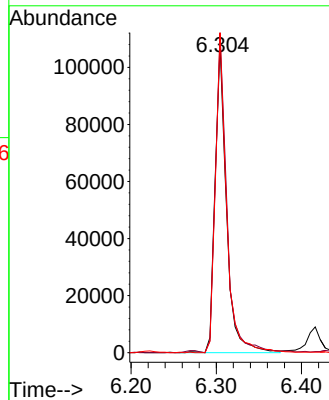
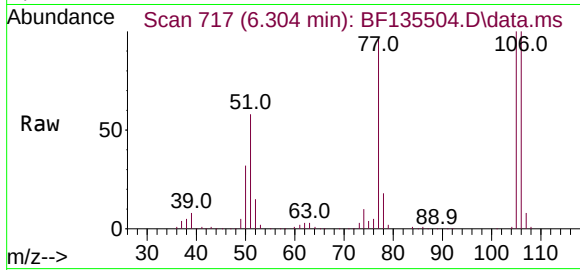
Tgt Ion: 77 Resp: 100837

Ion Ratio Lower Upper

77 100

105 103.9 81.4 121.4

106 104.0 76.9 116.9



#10

Phenol

Concen: 43.159 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

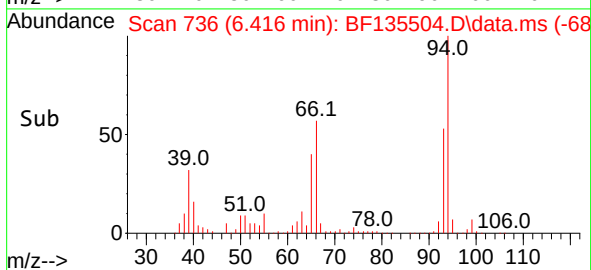
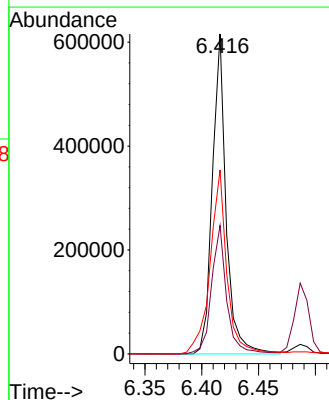
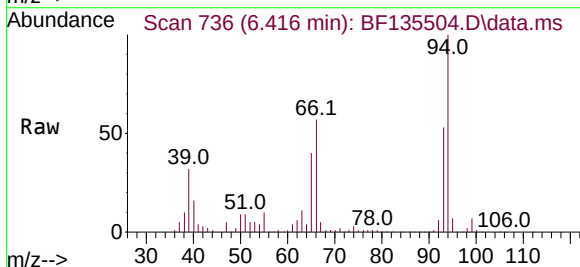
Tgt Ion: 94 Resp: 517879

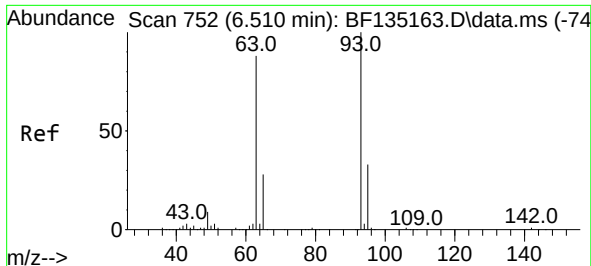
Ion Ratio Lower Upper

94 100

65 40.2 15.9 55.9

66 57.5 29.8 69.8

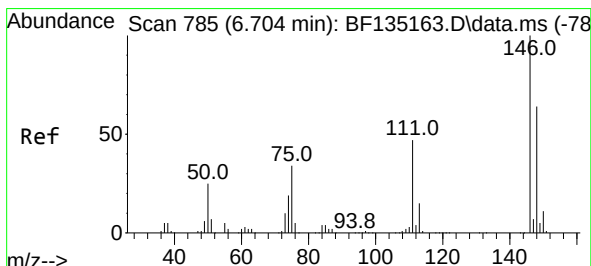
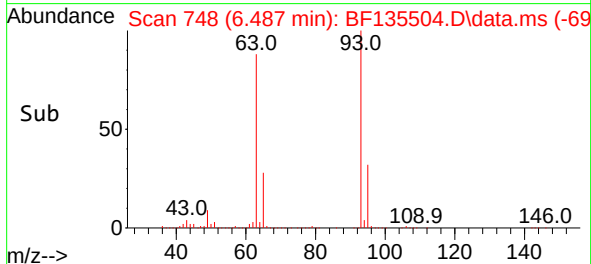
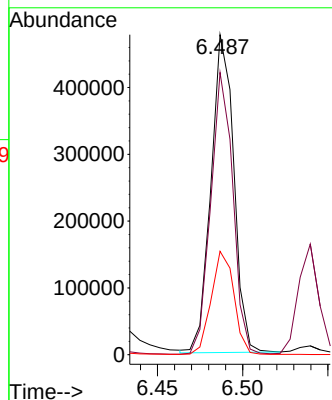
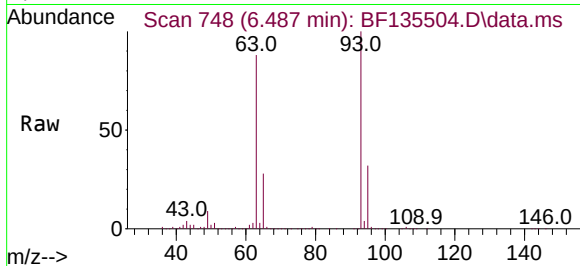




#11
bis(2-Chloroethyl)ether
Concen: 49.260 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

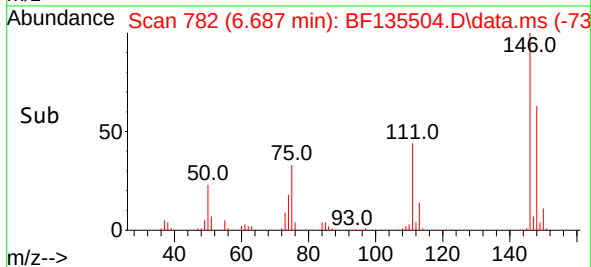
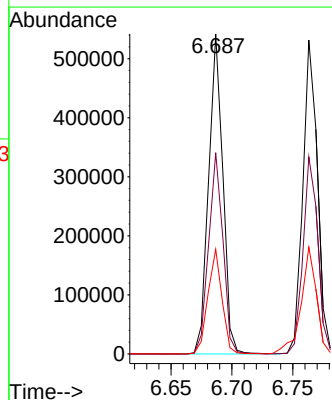
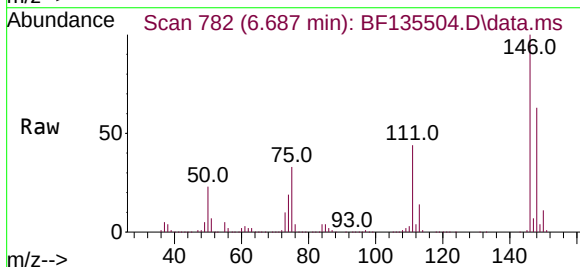
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

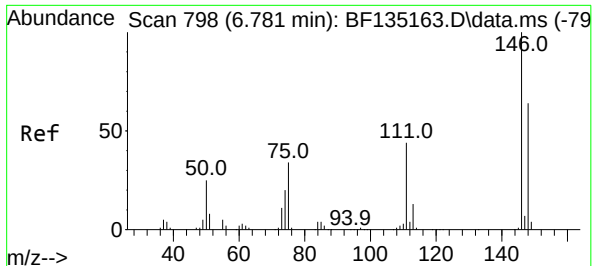
Tgt Ion: 93 Resp: 443380
Ion Ratio Lower Upper
93 100
63 88.2 67.3 107.3
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.146 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:146 Resp: 440170
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.146 ng

RT: 6.763 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

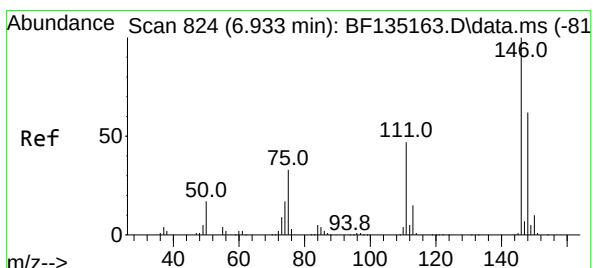
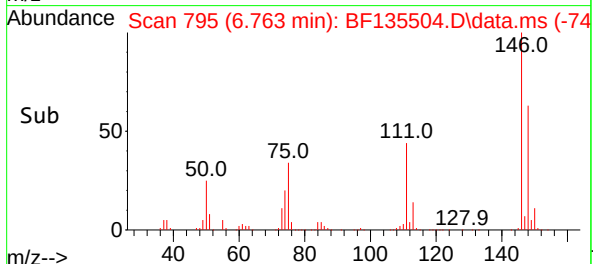
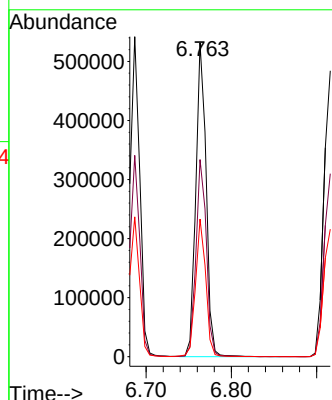
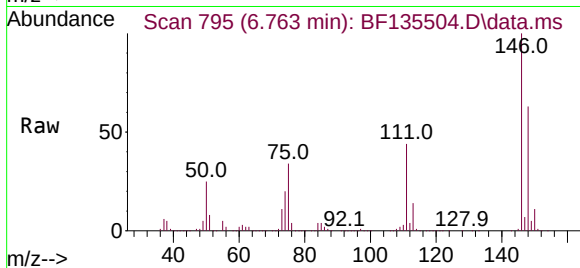
Tgt Ion:146 Resp: 447836

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 43.9 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 46.999 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

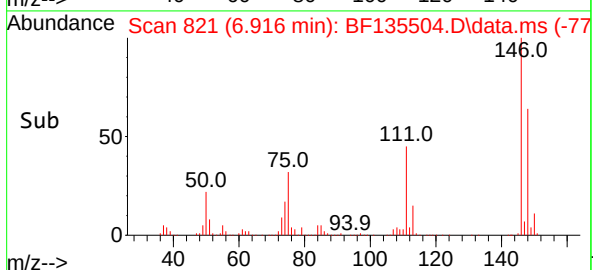
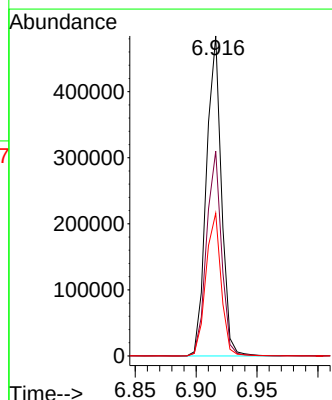
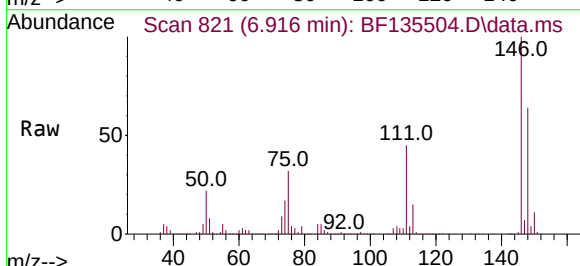
Tgt Ion:146 Resp: 414584

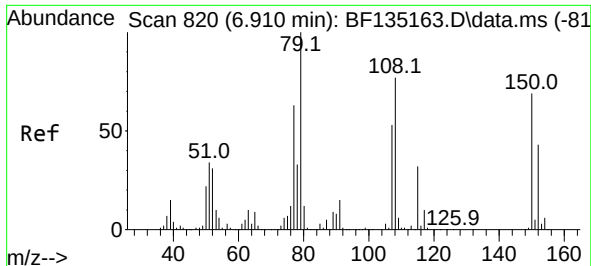
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

111 44.6 37.4 56.2

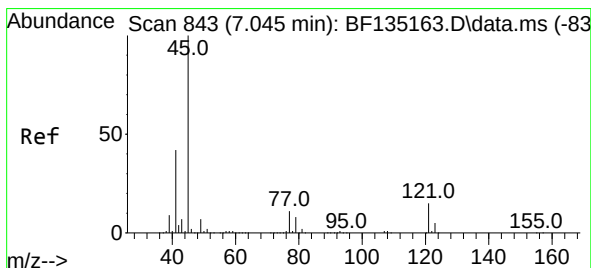
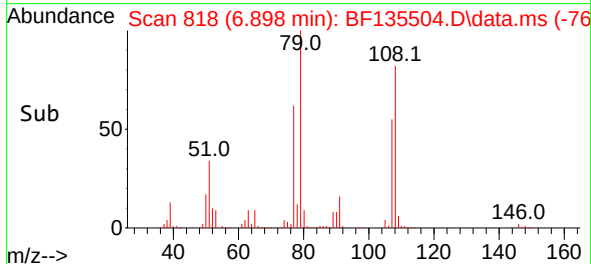
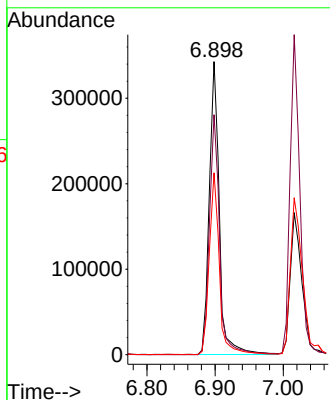
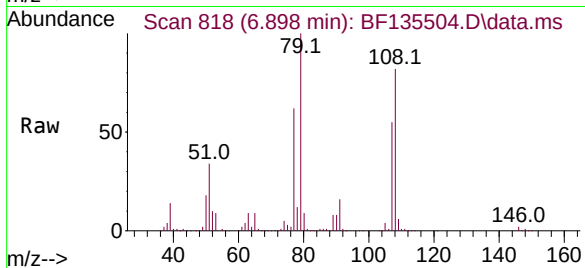




#15
Benzyl Alcohol
Concen: 44.606 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

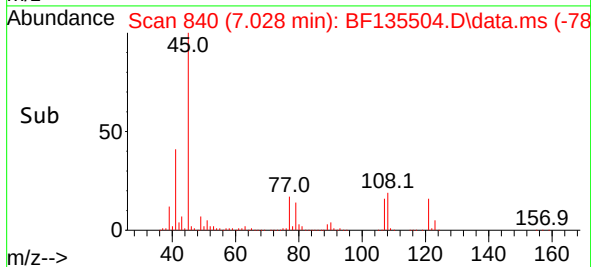
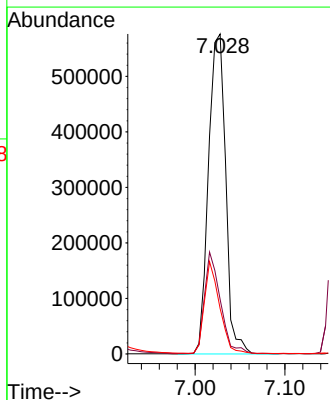
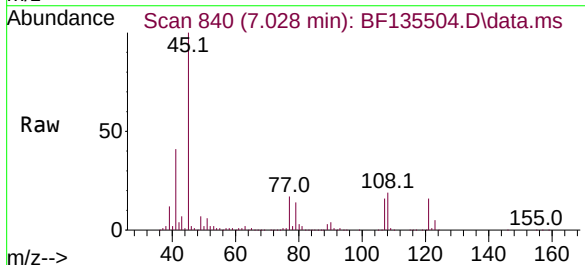
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

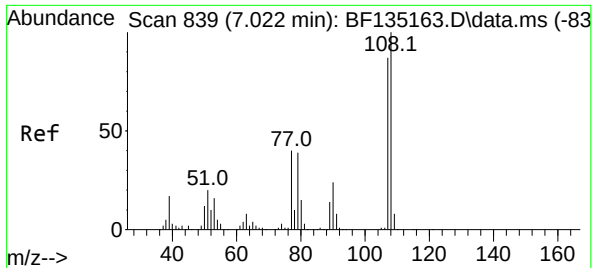
Tgt Ion: 79 Resp: 350263
Ion Ratio Lower Upper
79 100
108 81.9 61.2 91.8
77 62.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.125 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion: 45 Resp: 765571
Ion Ratio Lower Upper
45 100
77 17.1 0.0 30.6
79 14.2 0.0 28.3

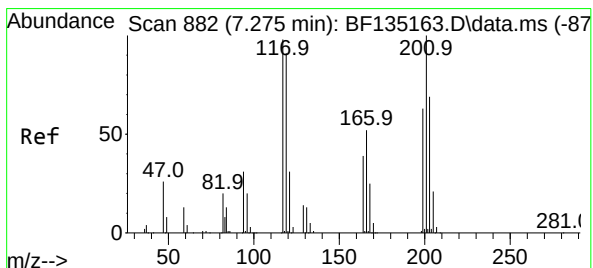
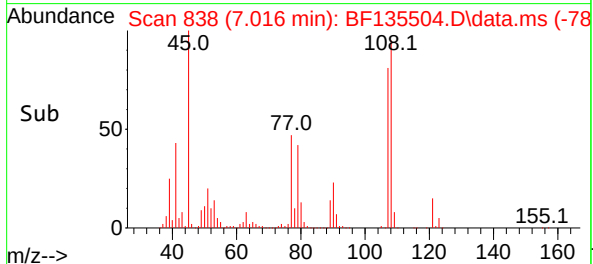
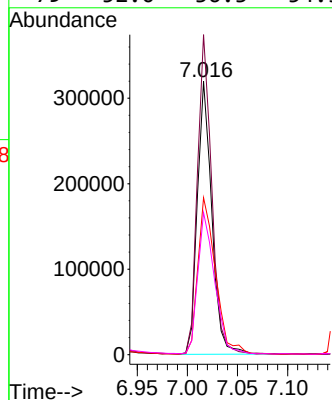
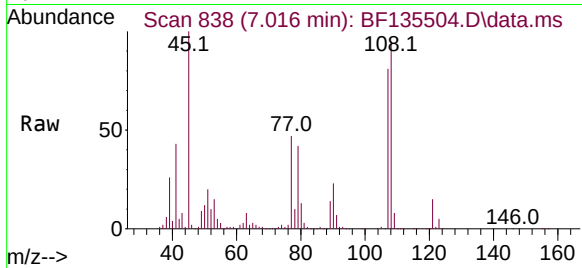




#17
2-Methylphenol
Concen: 39.536 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

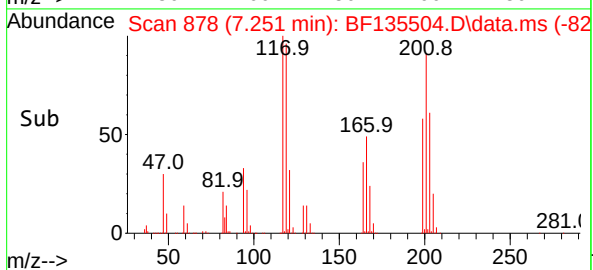
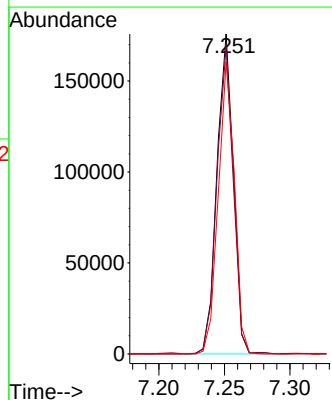
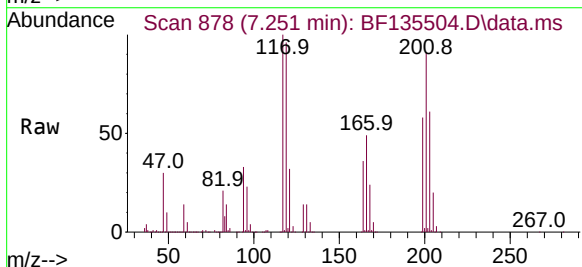
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

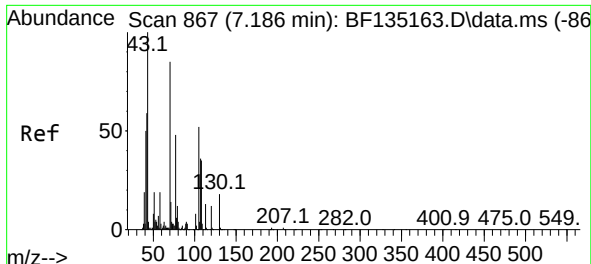
Tgt Ion:	107	Resp:	320519
Ion	Ratio	Lower	Upper
107	100		
108	117.1	92.0	138.0
77	57.5	36.7	55.1#
79	52.0	36.3	54.5



#18
Hexachloroethane
Concen: 43.811 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:	117	Resp:	153766
Ion	Ratio	Lower	Upper
117	100		
119	96.0	74.7	112.1
201	91.3	81.8	122.8

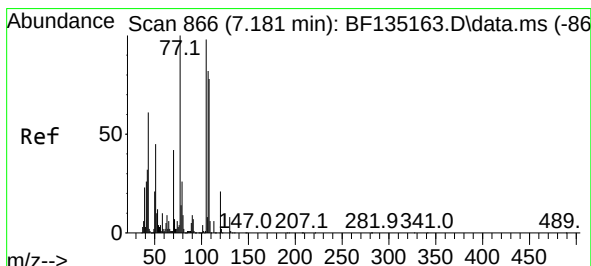
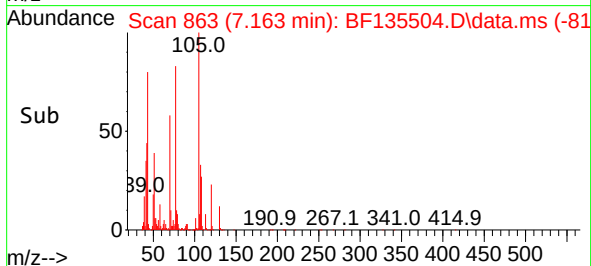
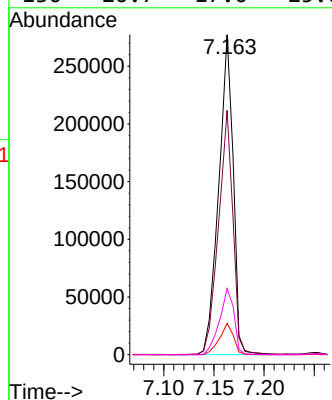
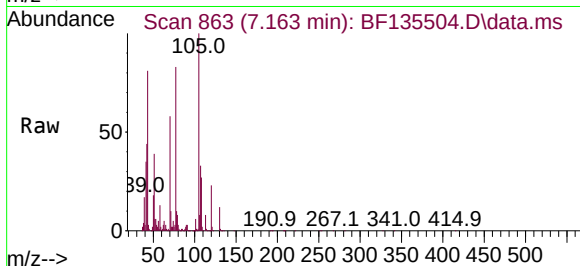




#19
n-Nitroso-di-n-propylamine
Concen: 40.938 ng
RT: 7.163 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

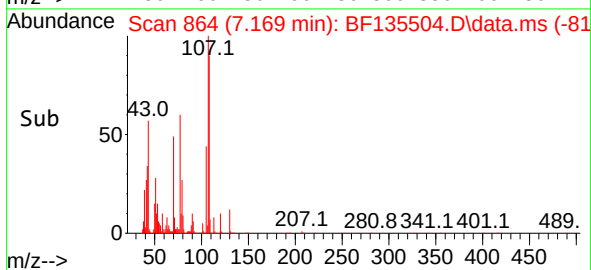
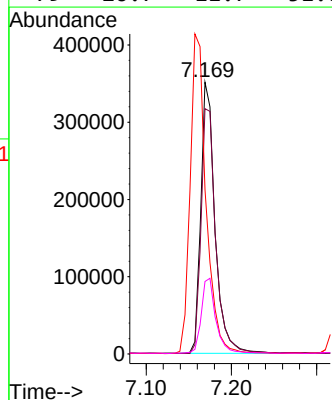
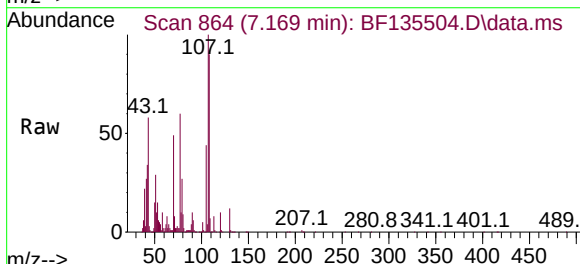
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

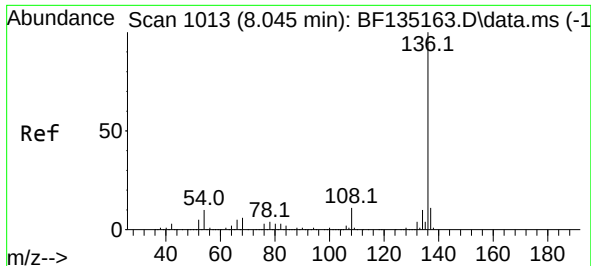
Tgt Ion: 70 Resp: 277478
Ion Ratio Lower Upper
70 100
42 76.4 55.4 83.0
101 9.8 7.7 11.5
130 20.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 41.706 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion: 107 Resp: 406563
Ion Ratio Lower Upper
107 100
108 90.3 74.7 114.7
77 60.5 102.0 142.0#
79 26.7 11.7 51.7

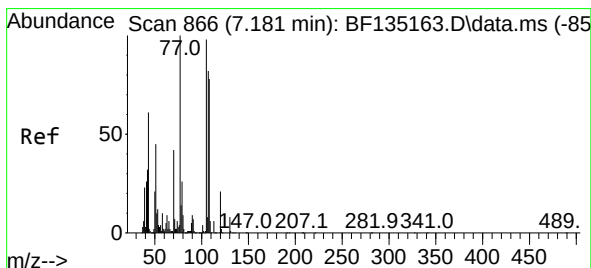
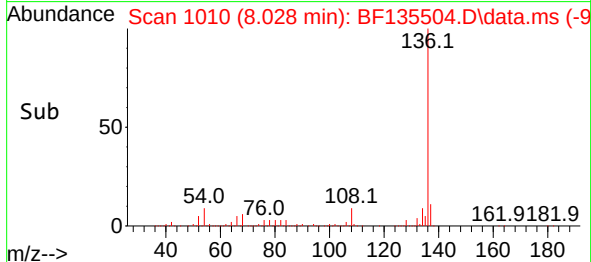
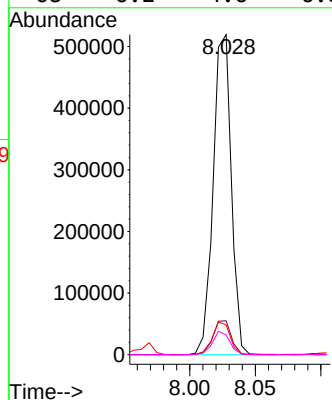
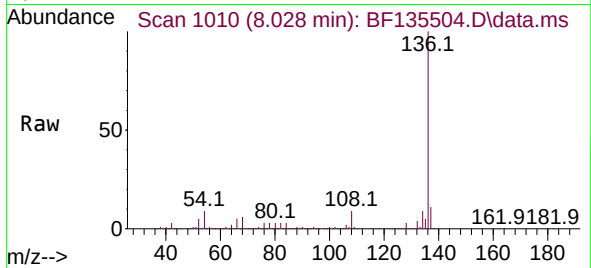




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

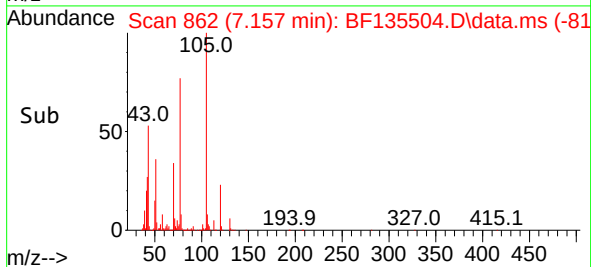
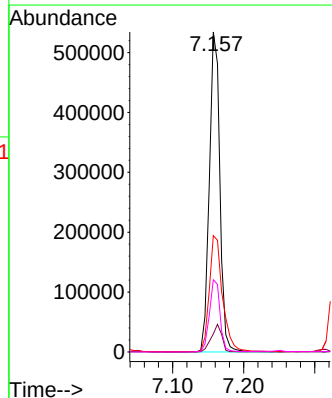
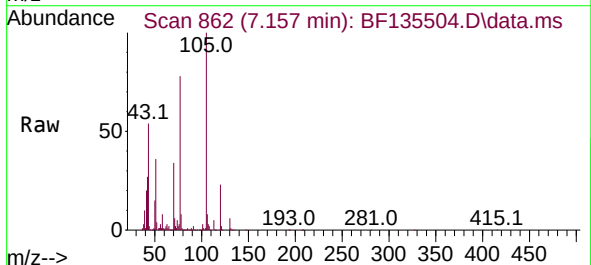
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

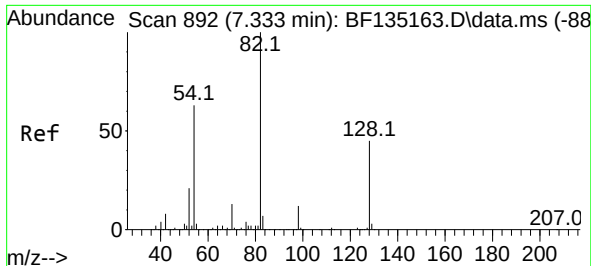
Tgt Ion:136 Resp: 499566
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.3 7.7 11.5
68 6.2 4.6 6.8



#22
Acetophenone
Concen: 48.232 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:105 Resp: 550874
Ion Ratio Lower Upper
105 100
71 5.7 5.8 8.6#
51 36.3 37.0 55.4#
120 22.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.945 ng

RT: 7.316 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

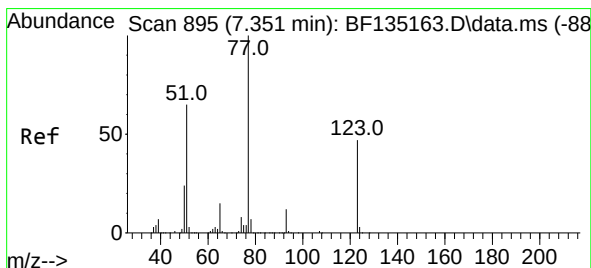
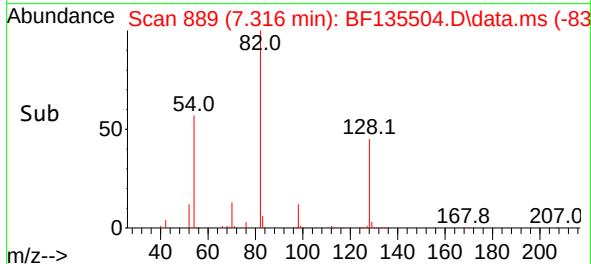
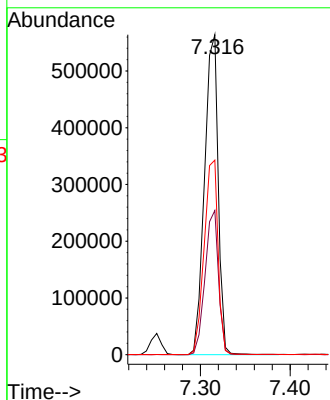
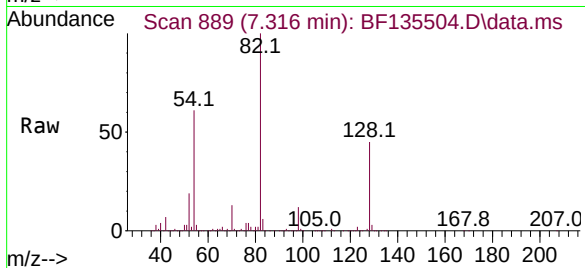
Tgt Ion: 82 Resp: 597182

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.6

54 60.8 50.6 76.0



#24

Nitrobenzene

Concen: 48.703 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

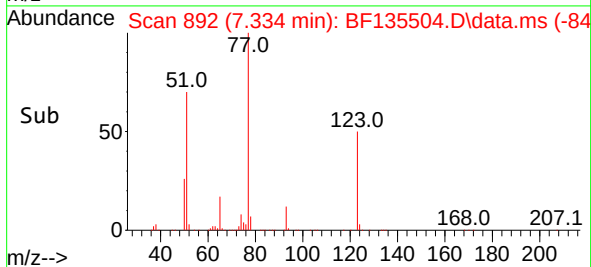
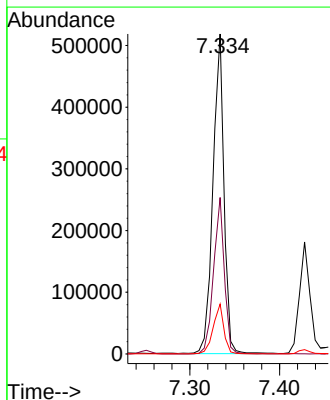
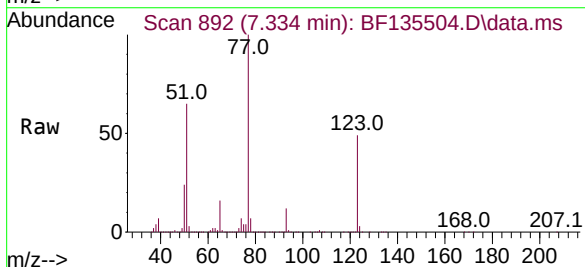
Tgt Ion: 77 Resp: 442637

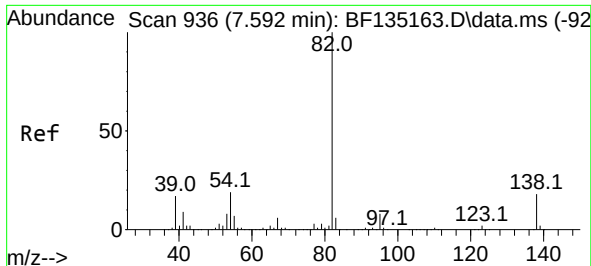
Ion Ratio Lower Upper

77 100

123 48.9 37.6 56.4

65 15.6 12.2 18.4

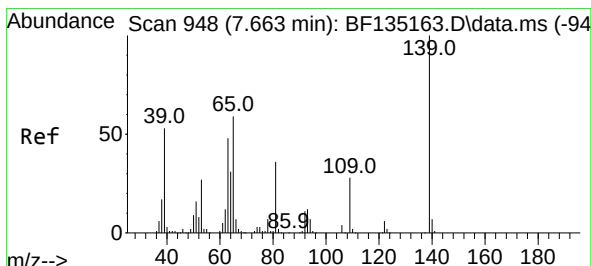
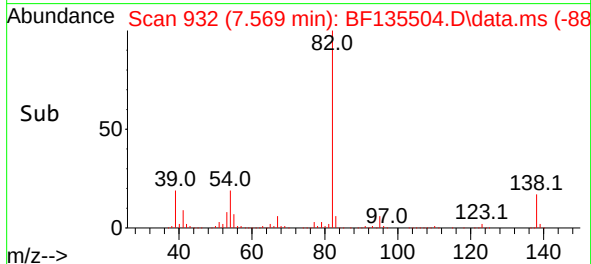
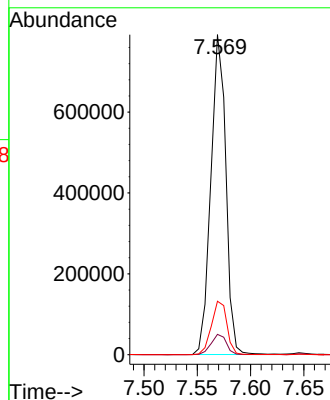
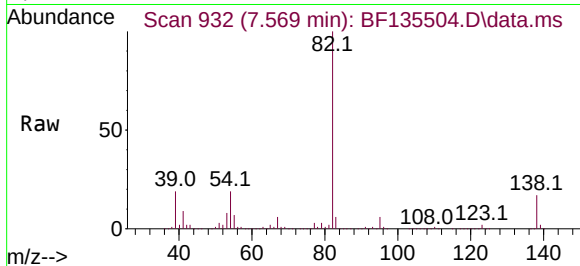




#25
Isophorone
Concen: 45.929 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

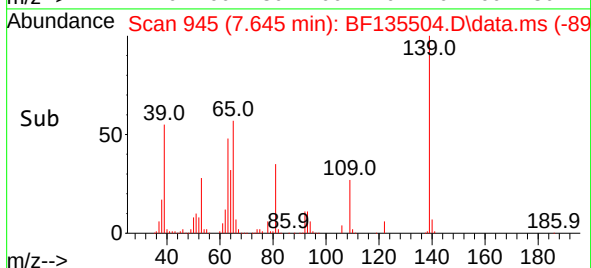
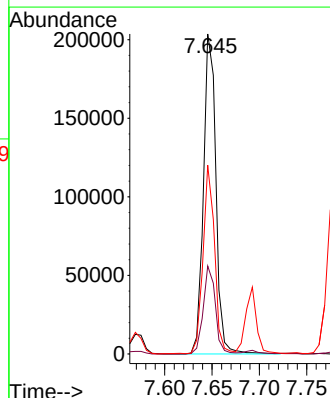
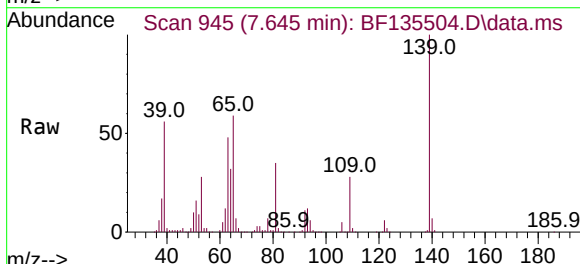
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

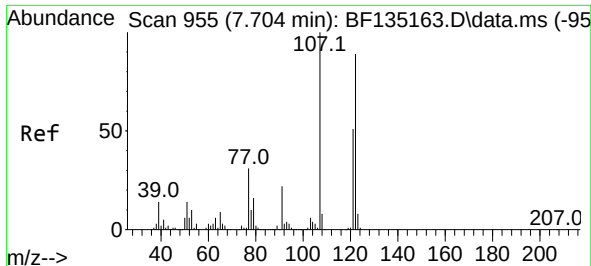
Tgt Ion: 82 Resp: 775490
Ion Ratio Lower Upper
82 100
95 6.4 6.0 9.0
138 16.7 14.5 21.7



#26
2-Nitrophenol
Concen: 42.605 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion: 139 Resp: 185843
Ion Ratio Lower Upper
139 100
109 27.5 22.6 33.8
65 59.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.816 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135504.D

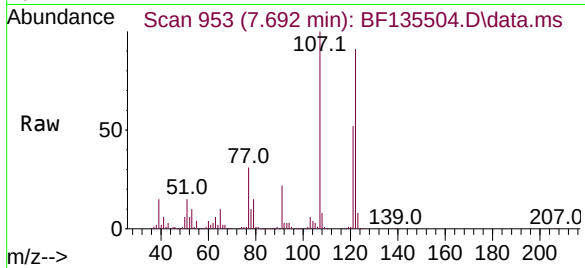
Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS



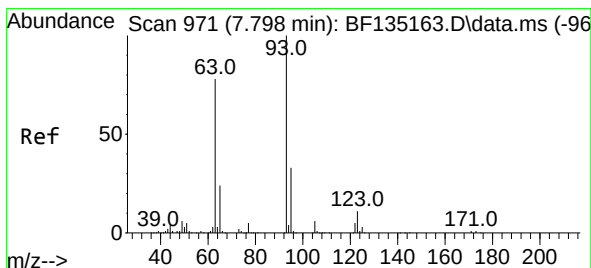
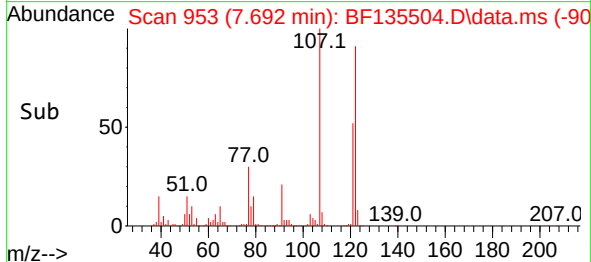
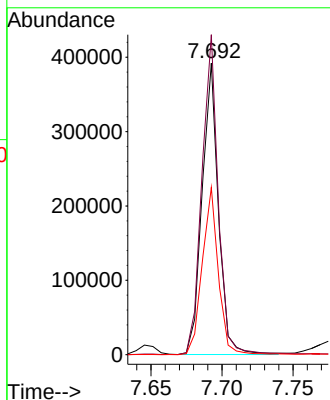
Tgt Ion:122 Resp: 313923

Ion Ratio Lower Upper

122 100

107 109.8 90.2 135.4

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.358 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

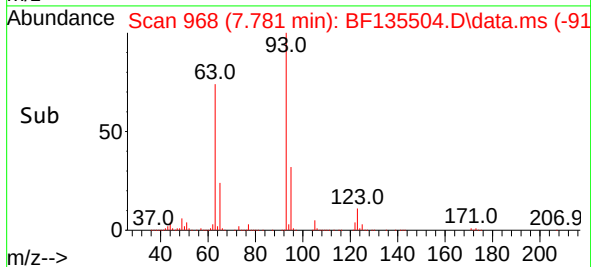
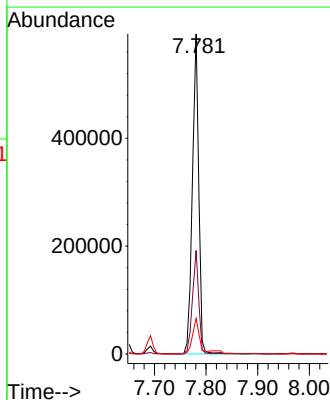
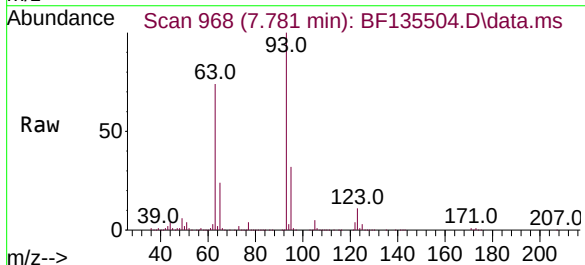
Tgt Ion: 93 Resp: 508919

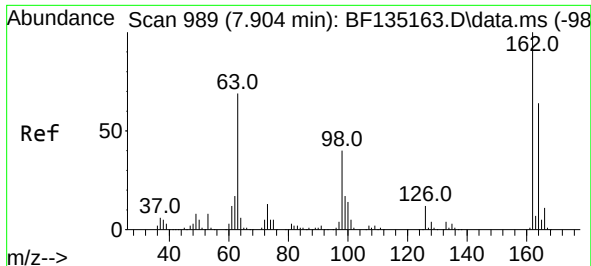
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.1 8.8 13.2

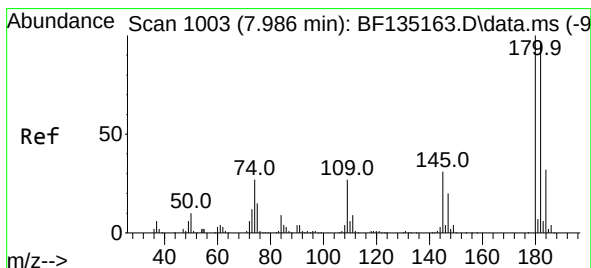
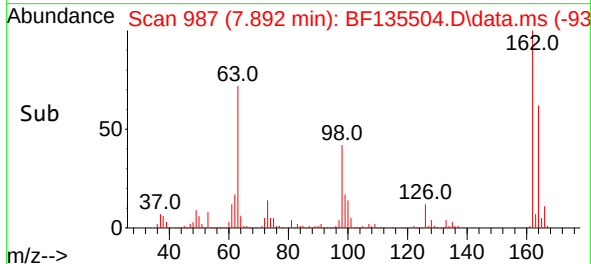
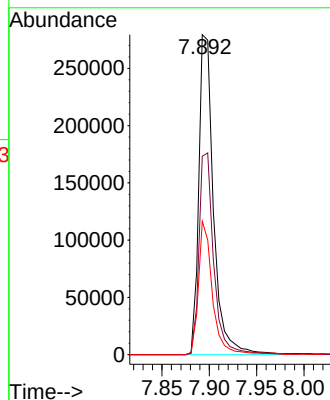
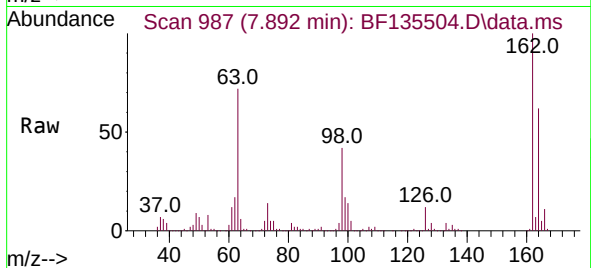




#29
2,4-Dichlorophenol
Concen: 44.900 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

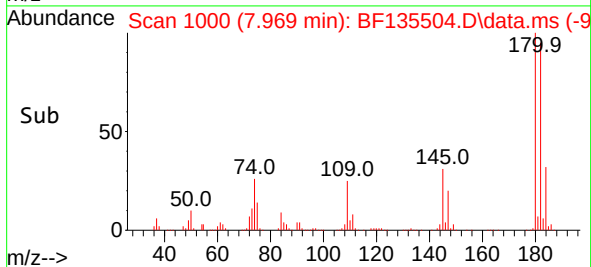
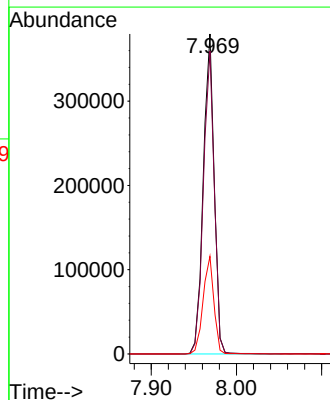
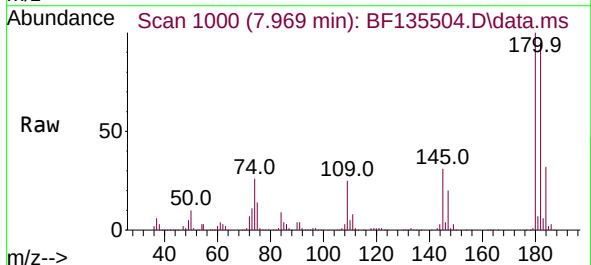
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

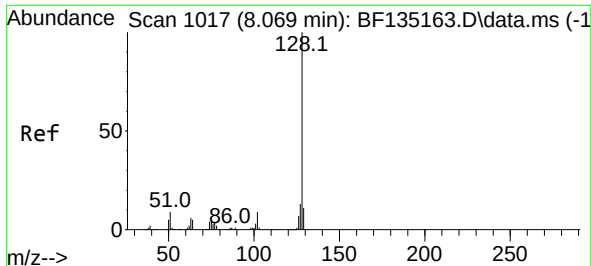
Tgt Ion:162 Resp: 305046
Ion Ratio Lower Upper
162 100
164 62.0 44.1 84.1
98 41.7 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 47.492 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:180 Resp: 337248
Ion Ratio Lower Upper
180 100
182 94.7 76.9 115.3
145 30.5 24.5 36.7

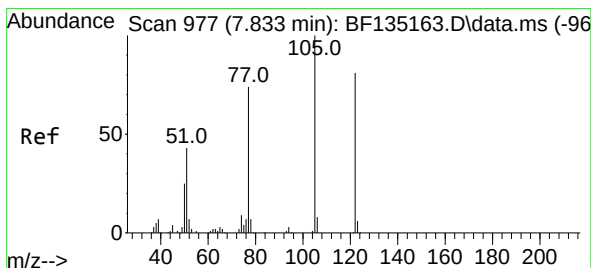
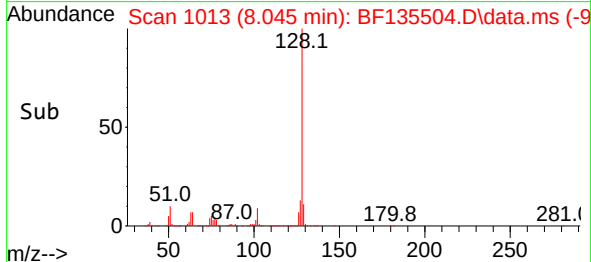
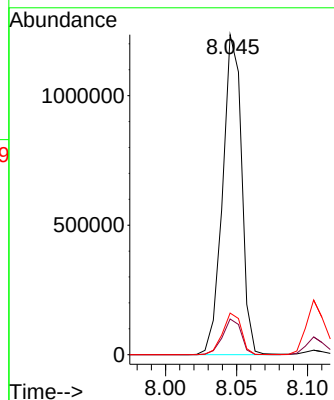
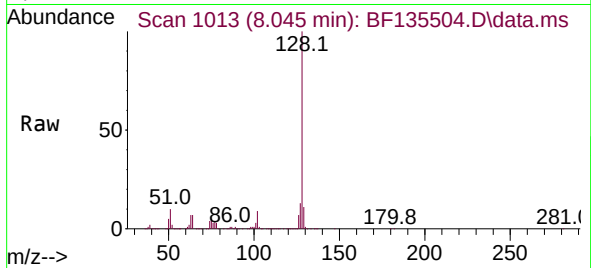




#31
Naphthalene
Concen: 47.279 ng
RT: 8.045 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

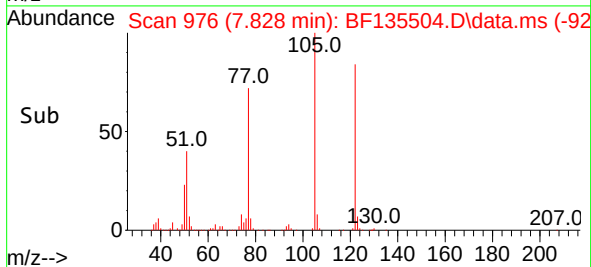
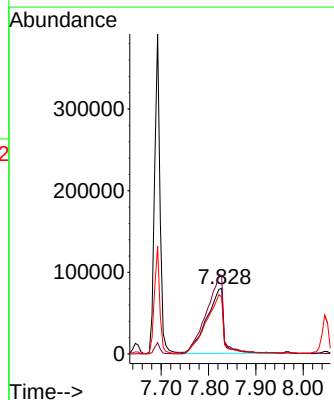
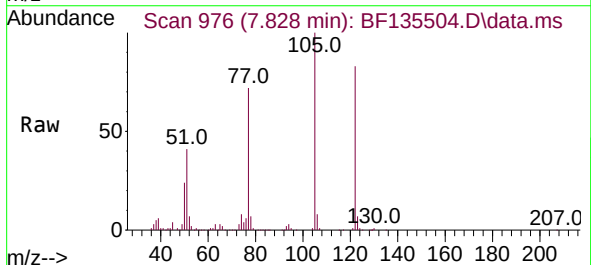
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

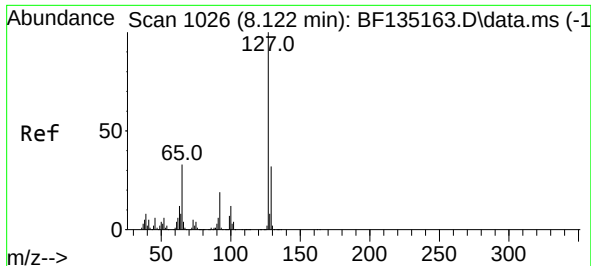
Tgt Ion:128 Resp: 1147578
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 37.103 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:122 Resp: 204843
Ion Ratio Lower Upper
122 100
105 120.0 99.9 139.9
77 86.9 70.0 110.0

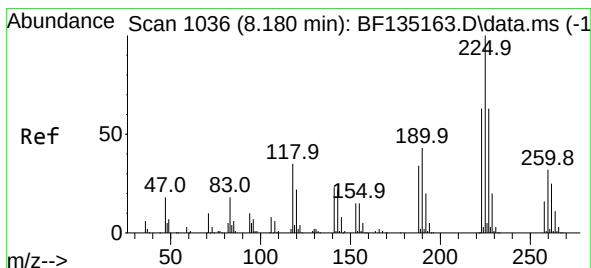
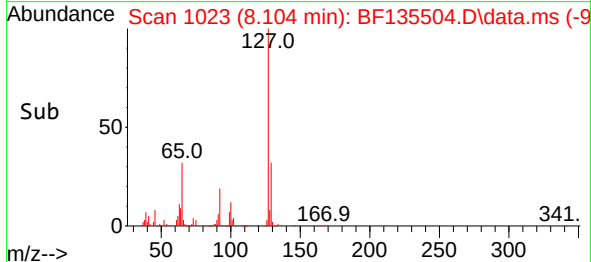
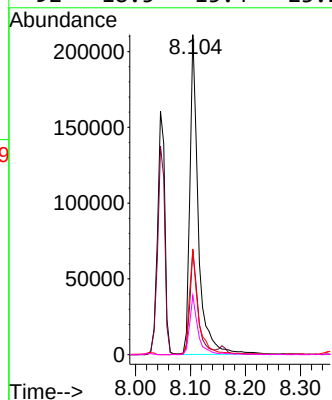
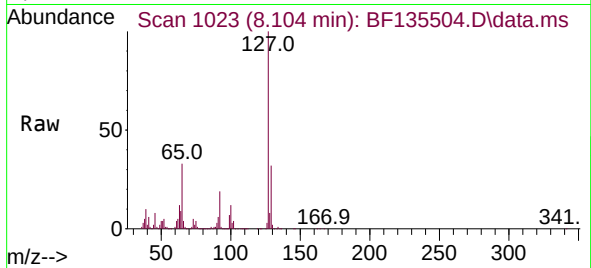




#33
4-Chloroaniline
Concen: 21.296 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

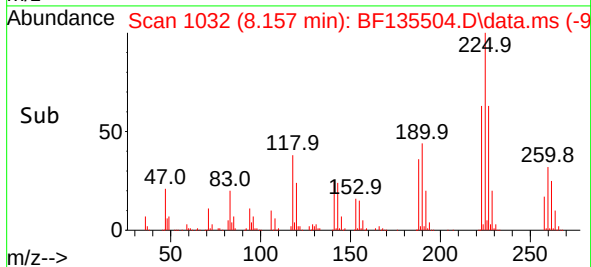
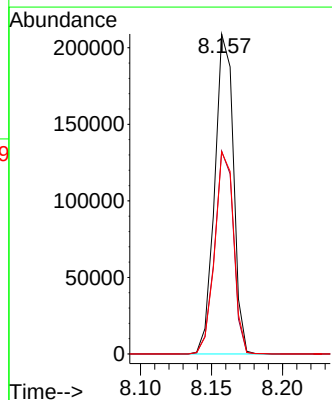
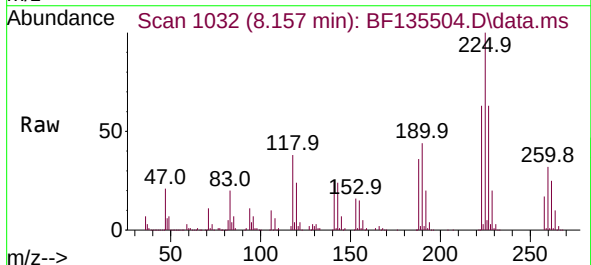
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

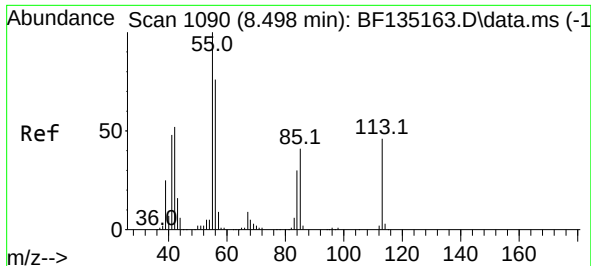
Tgt Ion:	127	Resp:	226788
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.8
65	33.1	26.6	39.8
92	18.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 44.716 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:	225	Resp:	191469
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	75.8
227	63.2	50.8	76.2

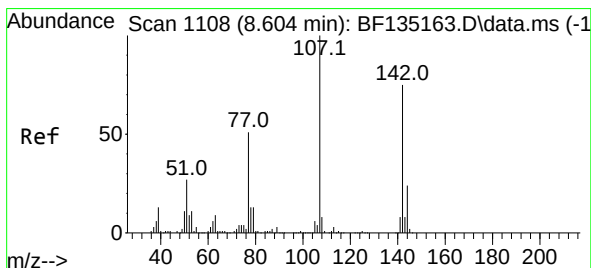
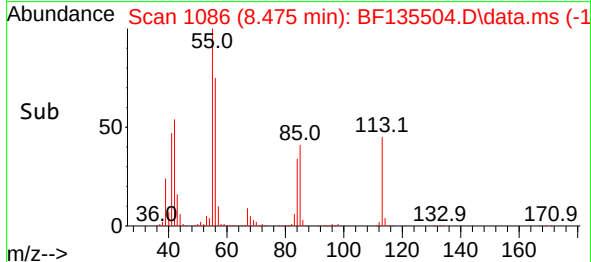
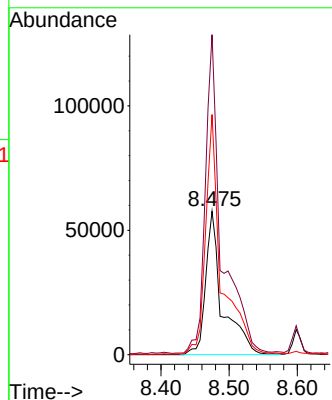
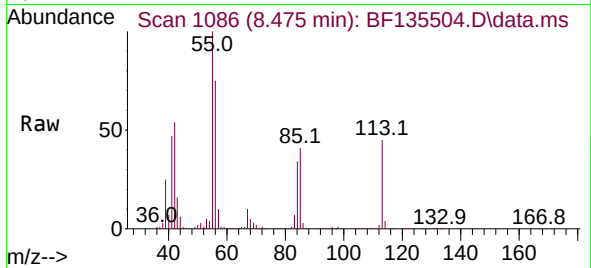




#35
 Caprolactam
 Concen: 43.528 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. -0.006 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

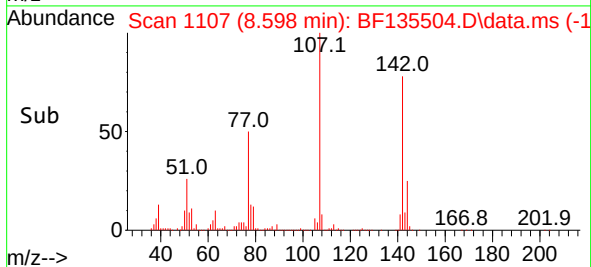
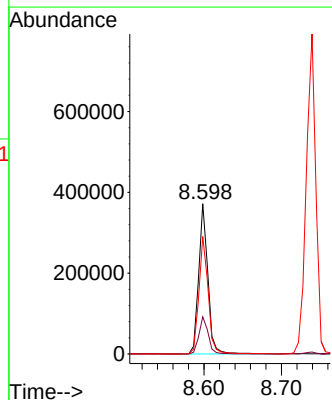
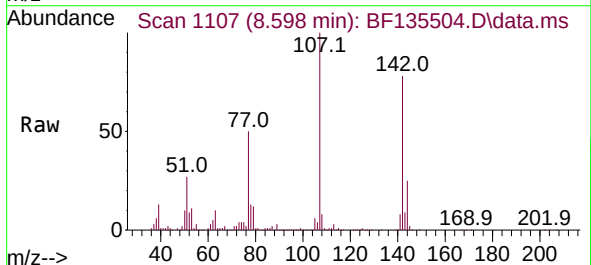
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MS

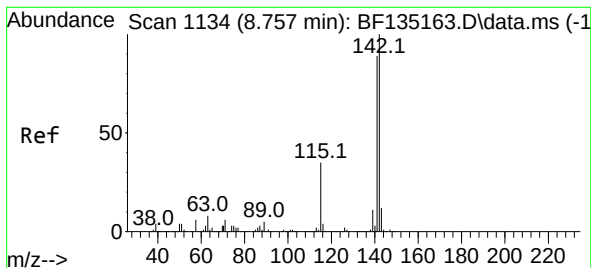
Tgt Ion:113 Resp: 99250
 Ion Ratio Lower Upper
 113 100
 55 223.2 199.3 239.3
 56 167.5 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.516 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

Tgt Ion:107 Resp: 305934
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.4
 142 78.2 60.2 90.2





#37

2-Methylnaphthalene

Concen: 41.565 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

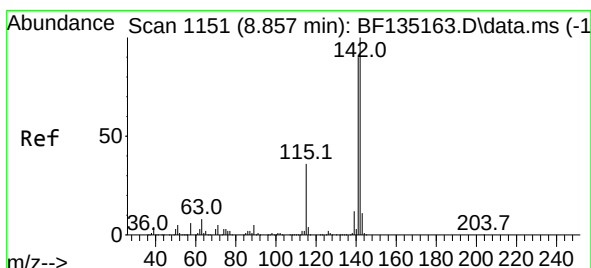
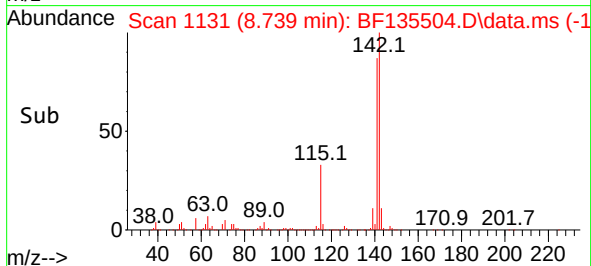
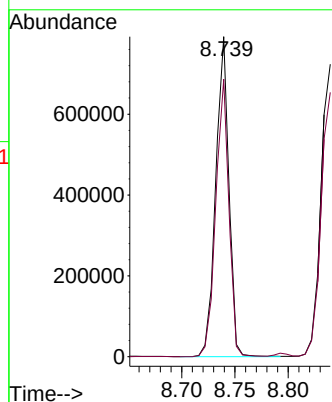
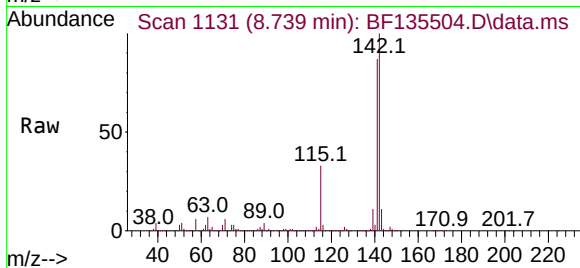
ETGI-287MS

Tgt Ion:142 Resp: 678165

Ion Ratio Lower Upper

142 100

141 86.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 42.337 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135504.D

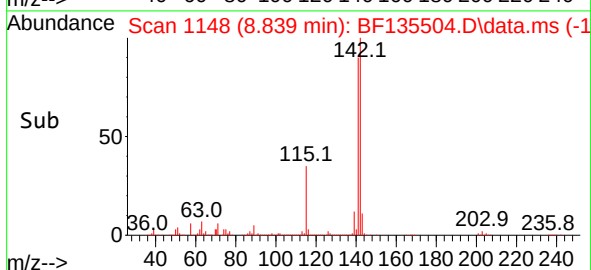
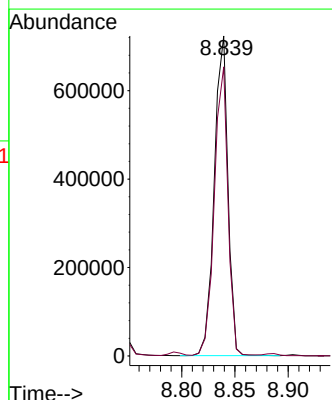
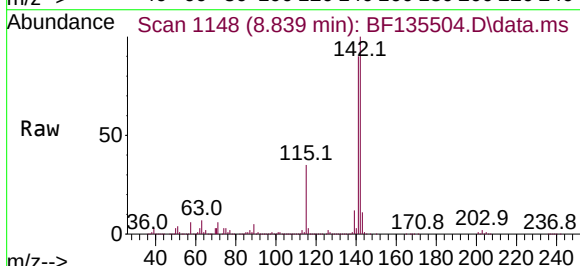
Acq: 28 Sep 2023 20:40

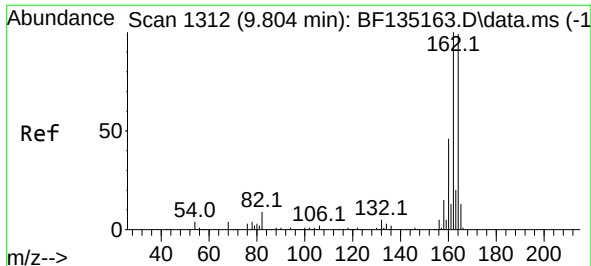
Tgt Ion:142 Resp: 646718

Ion Ratio Lower Upper

142 100

141 90.4 72.4 108.6

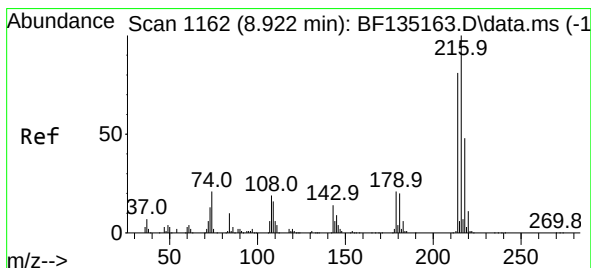
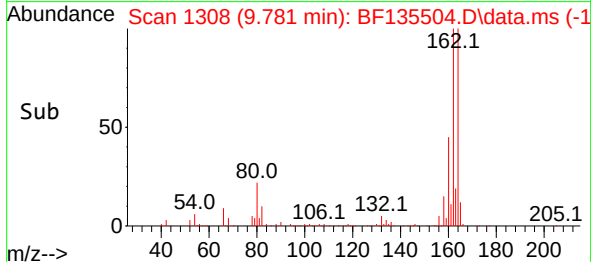
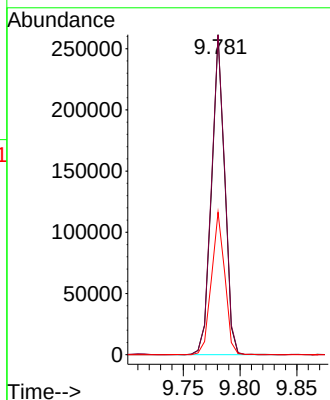
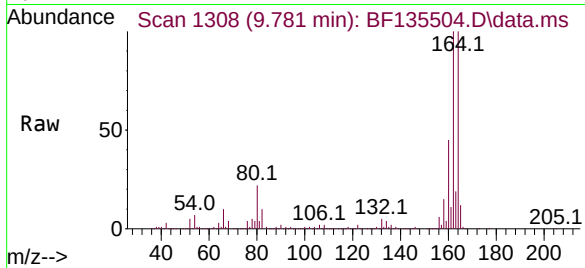




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

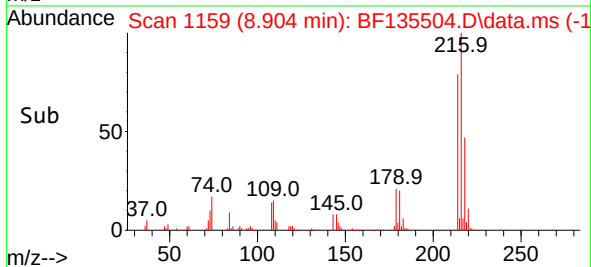
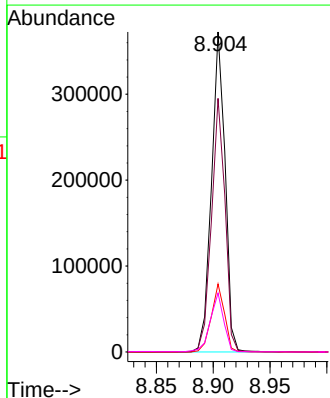
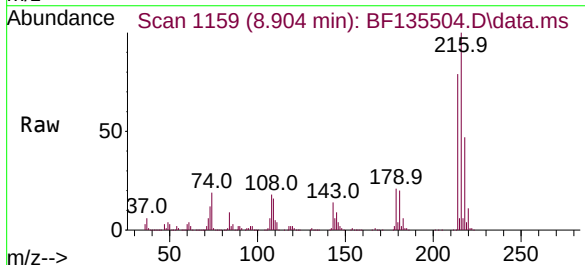
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

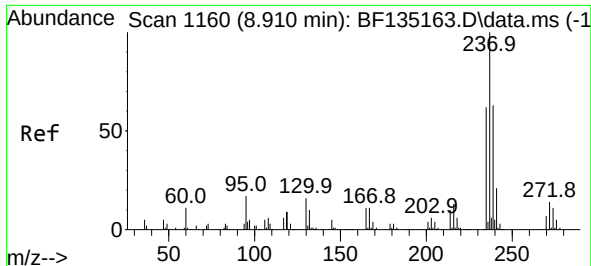
Tgt Ion:164 Resp: 209333
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.5 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.988 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:216 Resp: 309222
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.7 16.7 25.1
108 18.1 14.9 22.3

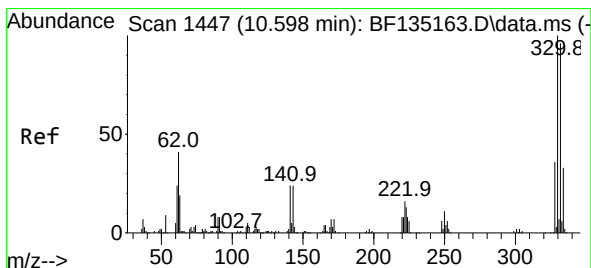
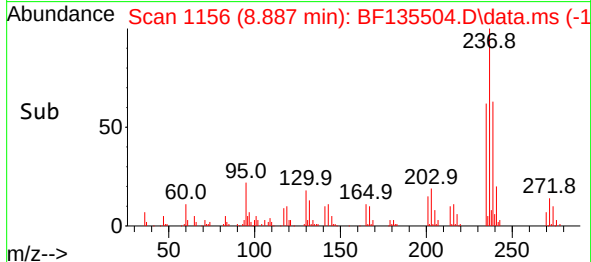
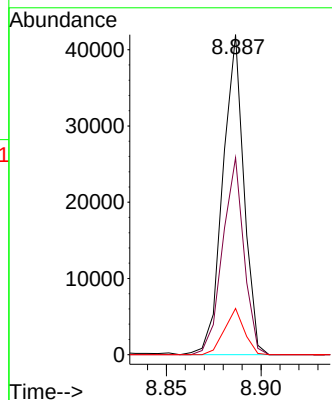
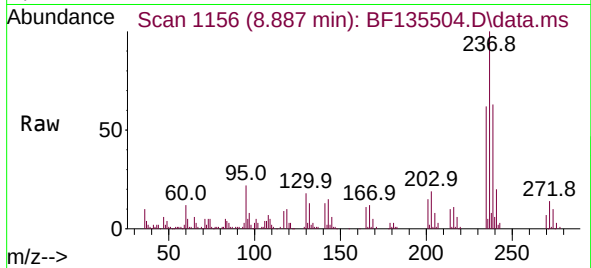




#41
Hexachlorocyclopentadiene
Concen: 18.434 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

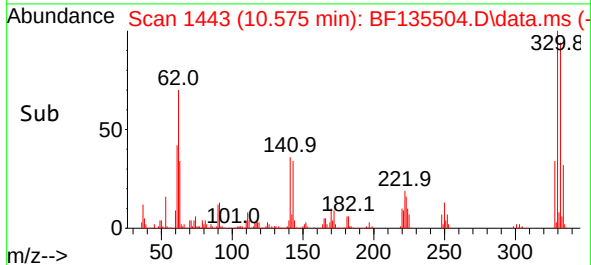
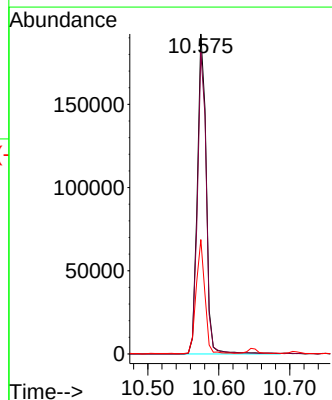
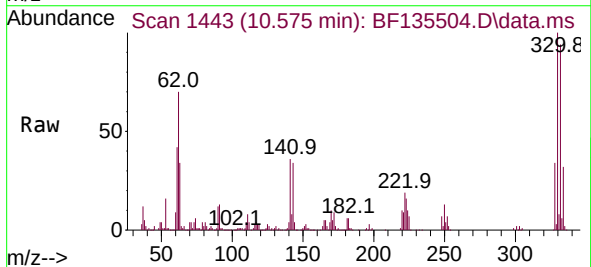
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

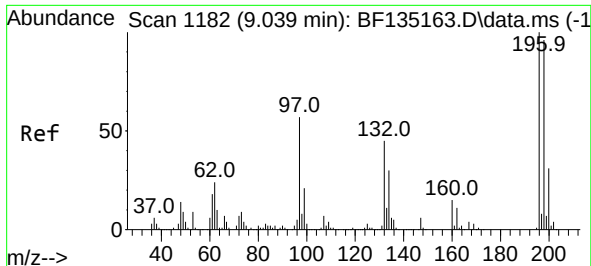
Tgt Ion:237 Resp: 32531
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 14.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 80.616 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:330 Resp: 167702
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 34.8 25.8 38.8

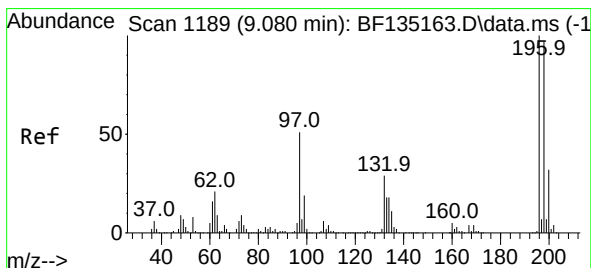
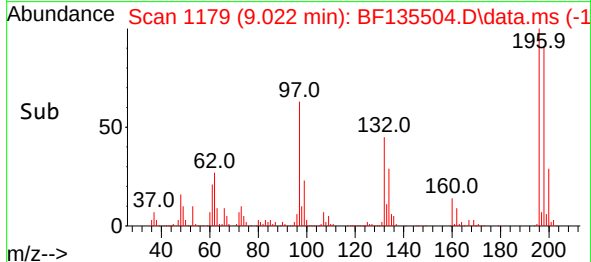
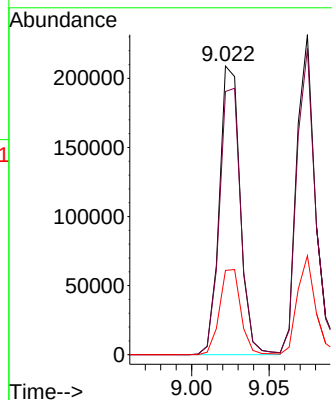
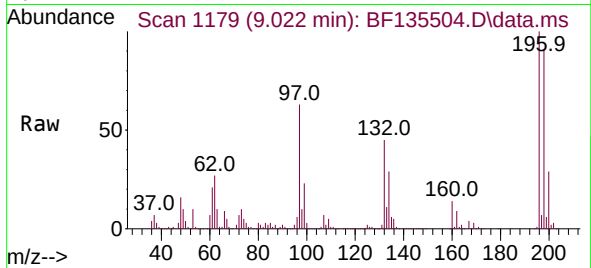




#43
2,4,6-Trichlorophenol
Concen: 49.377 ng
RT: 9.022 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

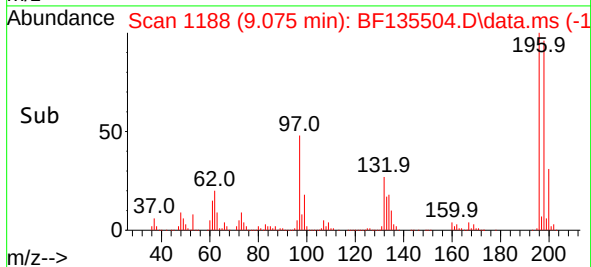
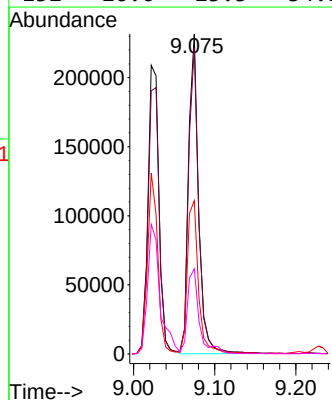
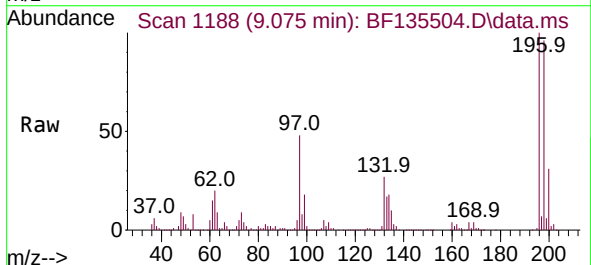
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

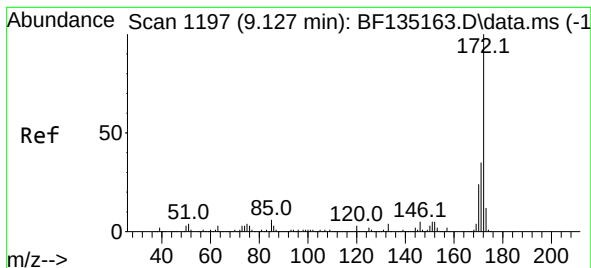
Tgt Ion:196 Resp: 196064
Ion Ratio Lower Upper
196 100
198 91.2 77.0 115.6
200 29.2 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 43.597 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:196 Resp: 199357
Ion Ratio Lower Upper
196 100
198 95.6 77.5 116.3
97 47.9 40.5 60.7
132 26.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 66.467 ng

RT: 9.104 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

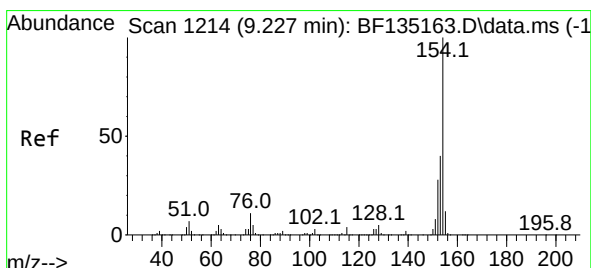
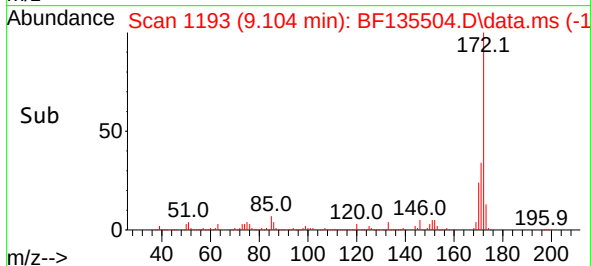
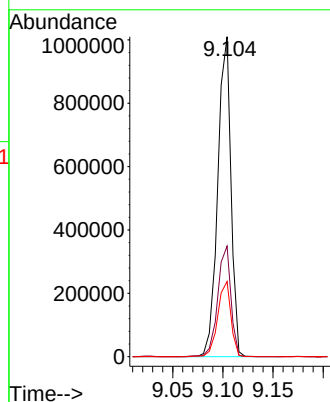
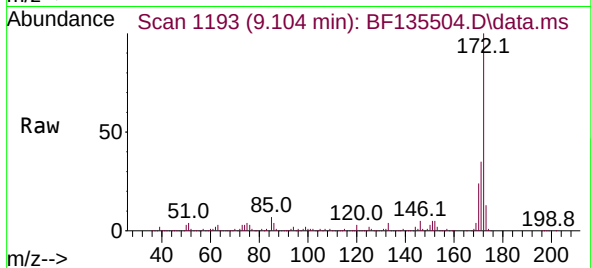
Tgt Ion:172 Resp: 922217

Ion Ratio Lower Upper

172 100

171 34.5 28.4 42.6

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 50.511 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

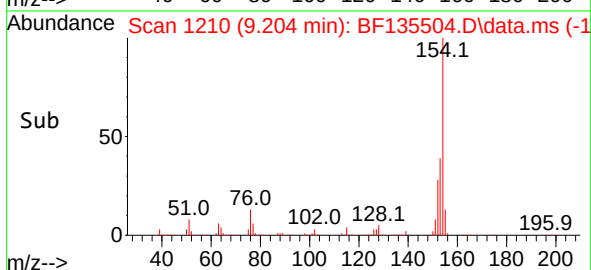
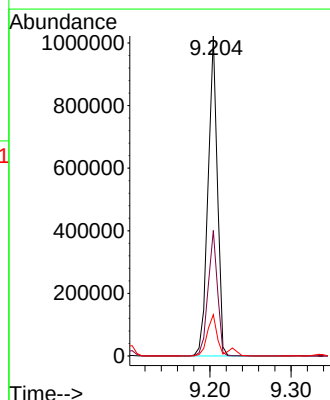
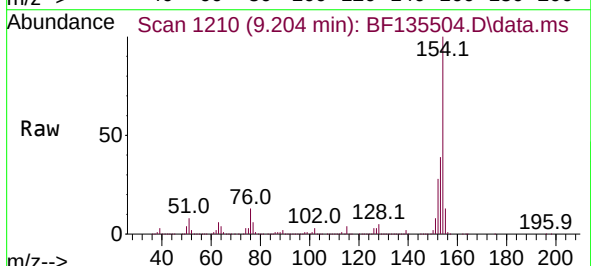
Tgt Ion:154 Resp: 812570

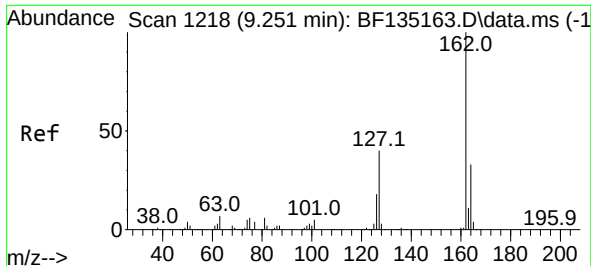
Ion Ratio Lower Upper

154 100

153 39.2 19.6 59.6

76 12.9 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.091 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

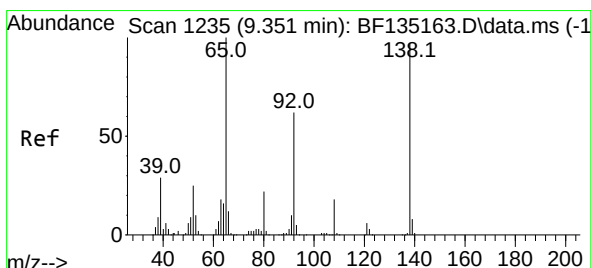
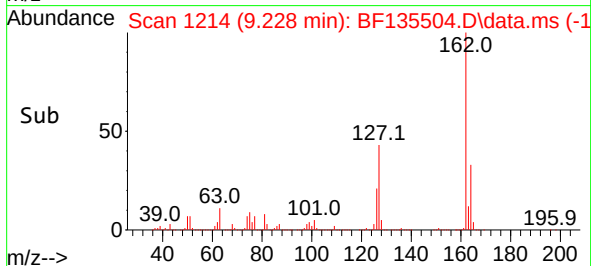
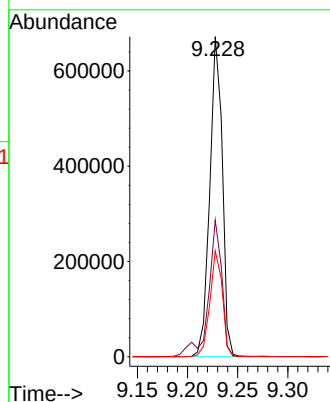
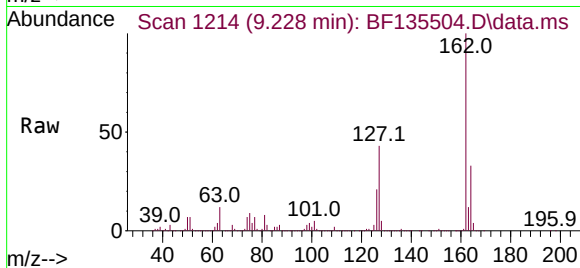
Tgt Ion:162 Resp: 584658

Ion Ratio Lower Upper

162 100

127 42.7 32.6 48.8

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 49.582 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

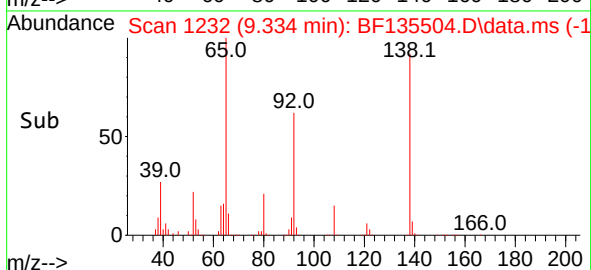
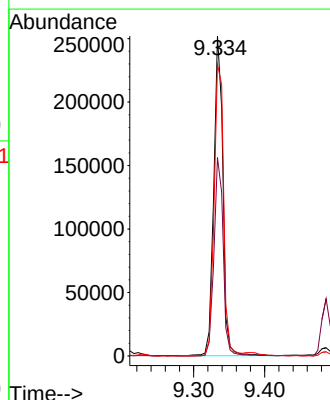
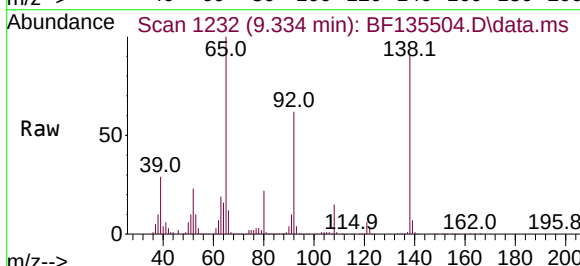
Tgt Ion: 65 Resp: 224829

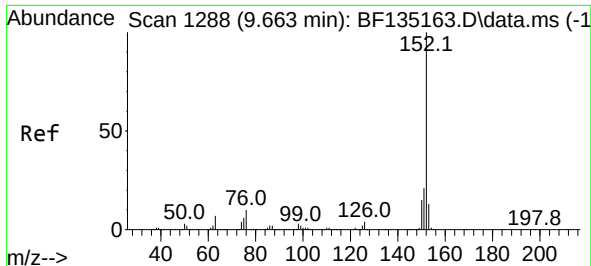
Ion Ratio Lower Upper

65 100

92 62.0 49.4 74.0

138 91.1 77.4 116.0





#49

Acenaphthylene

Concen: 49.997 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

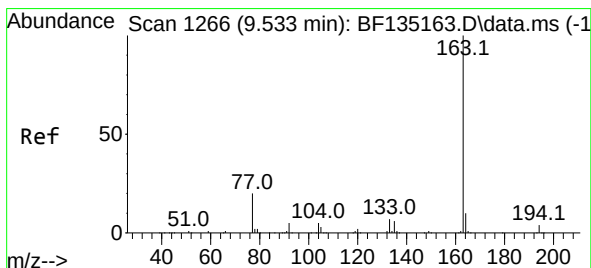
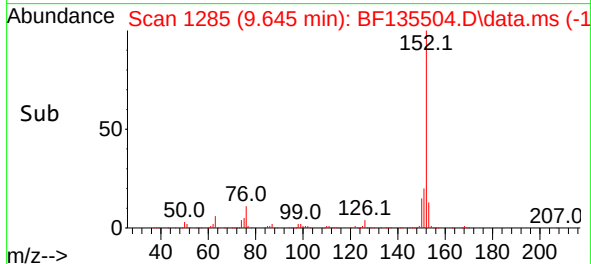
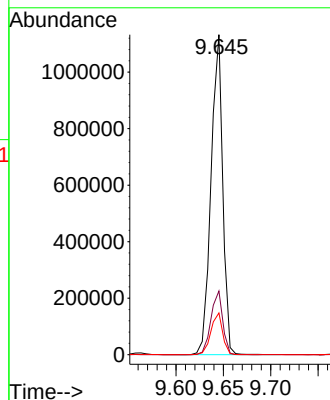
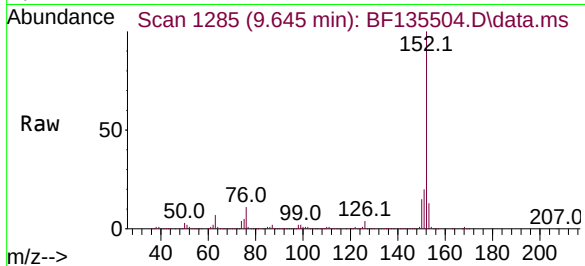
Tgt Ion:152 Resp: 969834

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 48.239 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

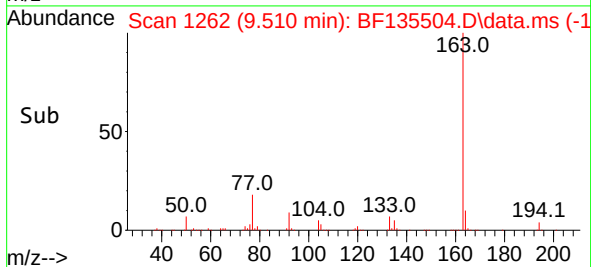
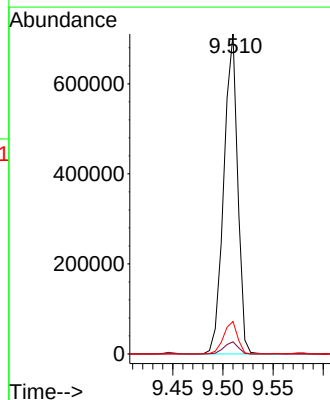
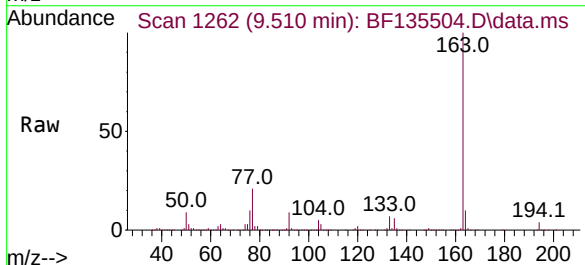
Tgt Ion:163 Resp: 682728

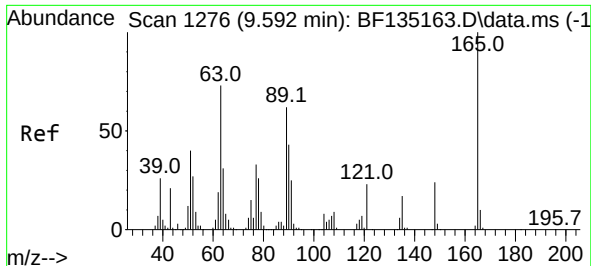
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.032 ng

RT: 9.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

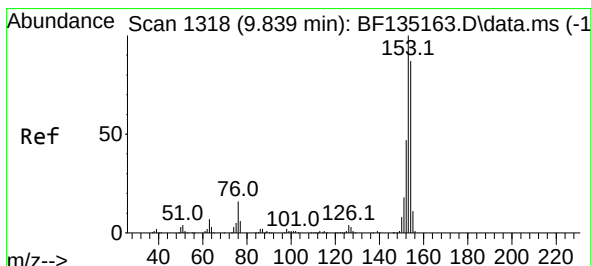
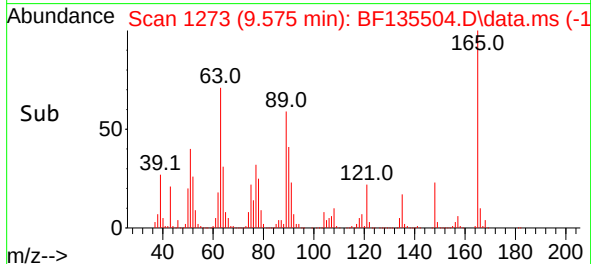
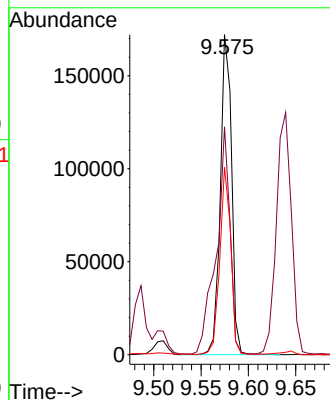
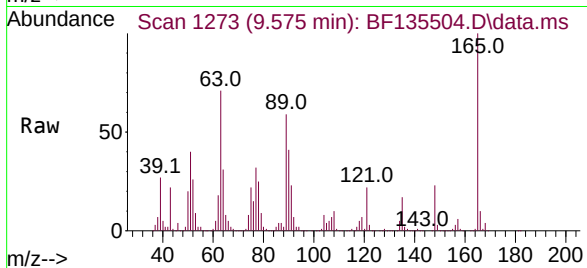
Tgt Ion:165 Resp: 142721

Ion Ratio Lower Upper

165 100

63 71.2 59.4 89.2

89 58.6 49.8 74.8



#52

Acenaphthene

Concen: 50.855 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

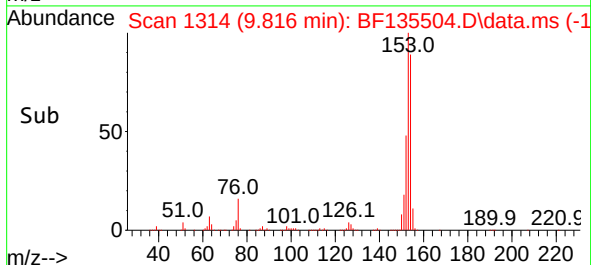
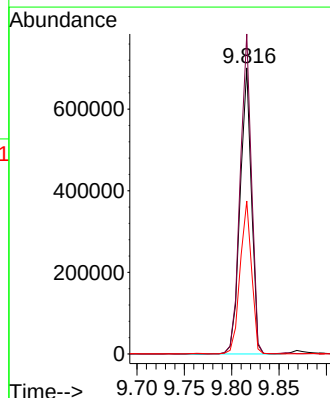
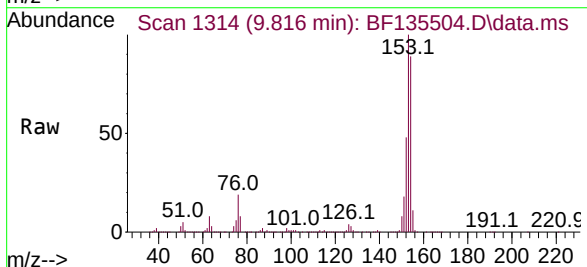
Tgt Ion:154 Resp: 582767

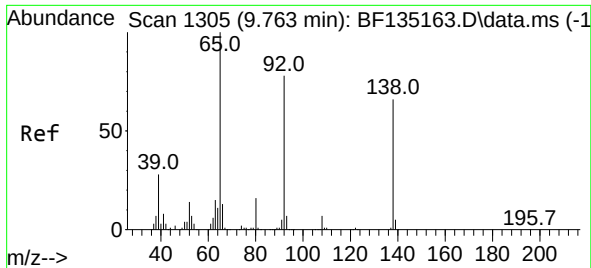
Ion Ratio Lower Upper

154 100

153 111.8 92.1 138.1

152 53.5 43.1 64.7

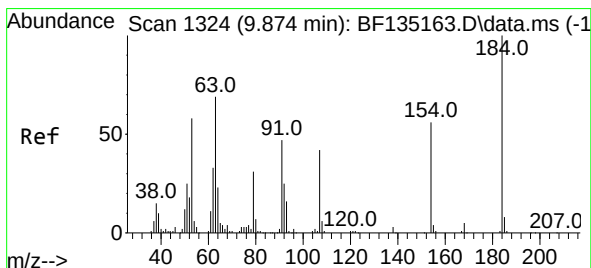
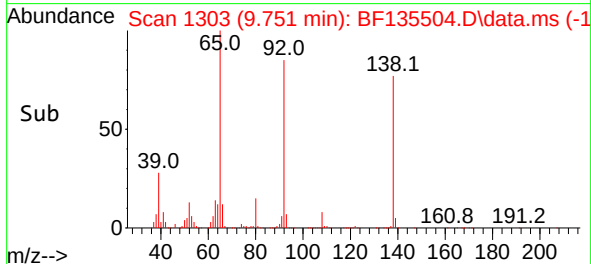
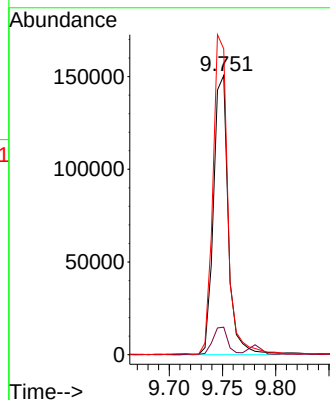
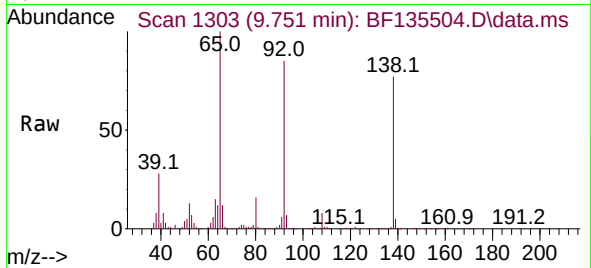




#53
3-Nitroaniline
Concen: 39.884 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

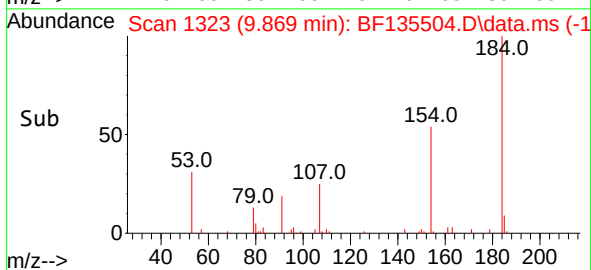
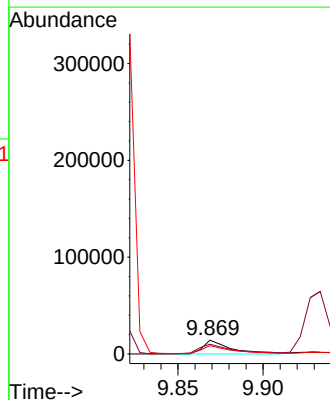
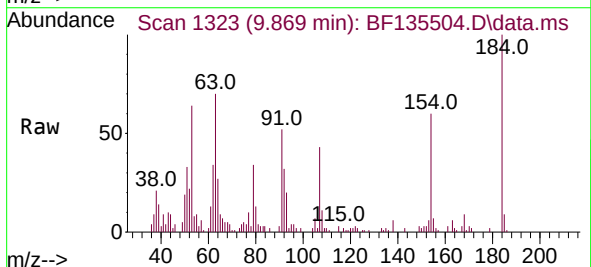
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

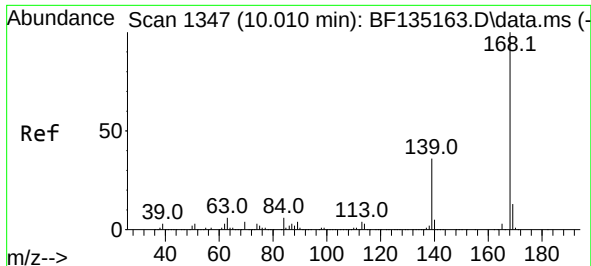
Tgt Ion:138 Resp: 145155
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 109.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 14.671 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:184 Resp: 16082
Ion Ratio Lower Upper
184 100
63 70.2 55.1 82.7
154 59.8 48.4 72.6

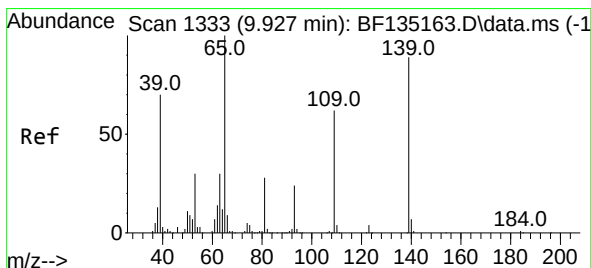
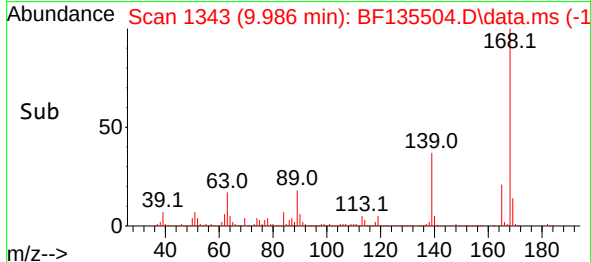
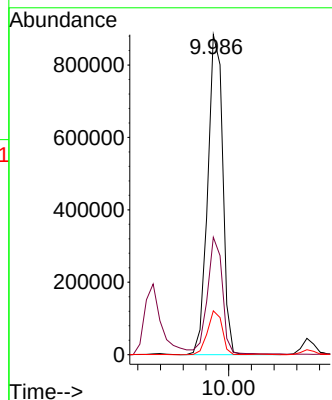
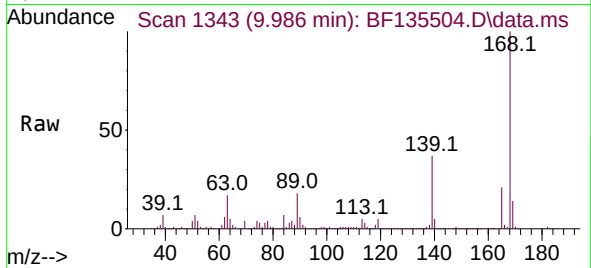




#55
Dibenzofuran
Concen: 46.169 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

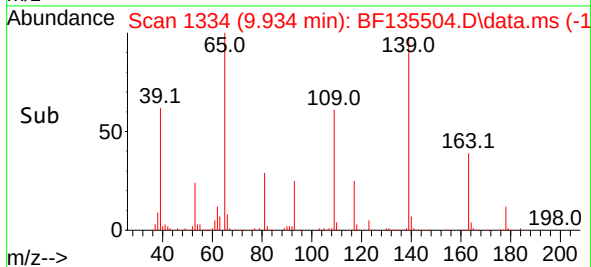
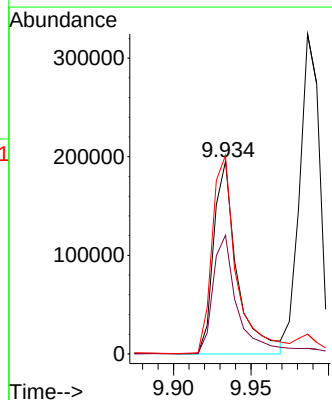
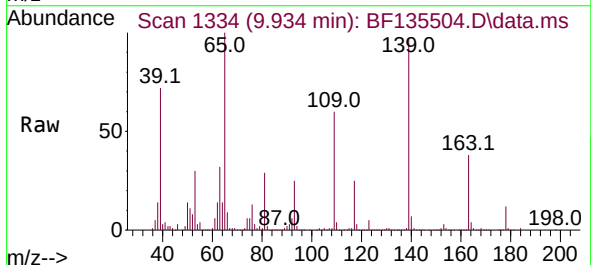
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

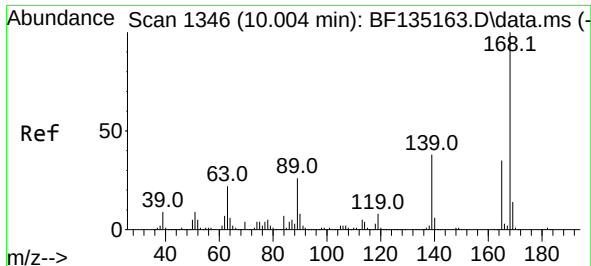
Tgt Ion:168 Resp: 807340
Ion Ratio Lower Upper
168 100
139 36.7 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 89.014 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:139 Resp: 205892
Ion Ratio Lower Upper
139 100
109 61.7 49.8 89.8
65 103.0 92.7 132.7

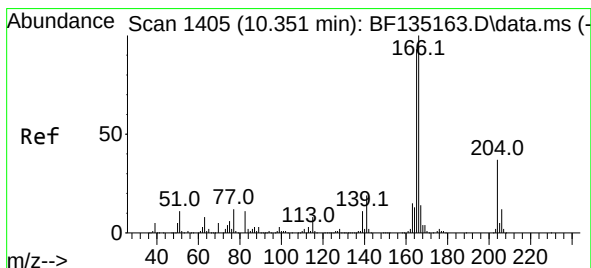
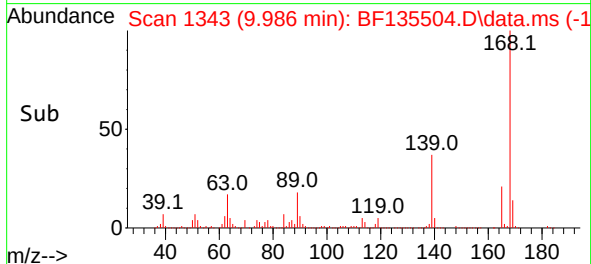
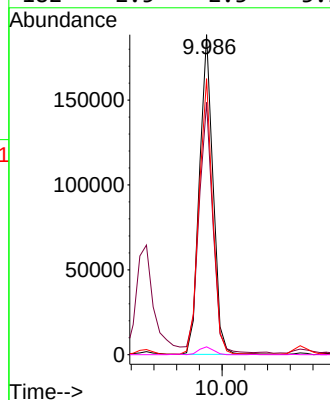
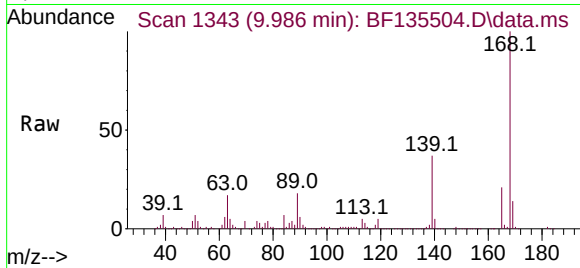




#57
2,4-Dinitrotoluene
Concen: 40.336 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

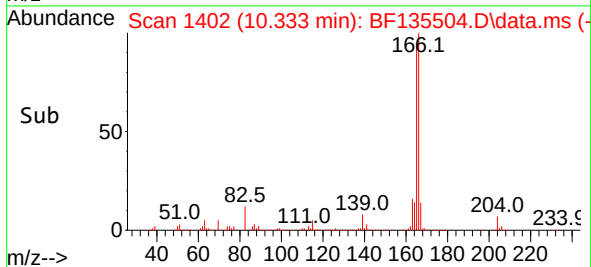
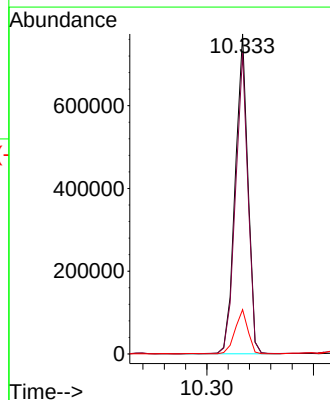
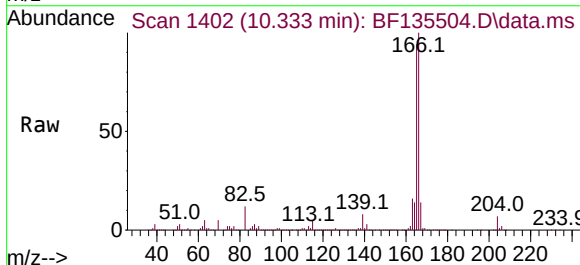
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

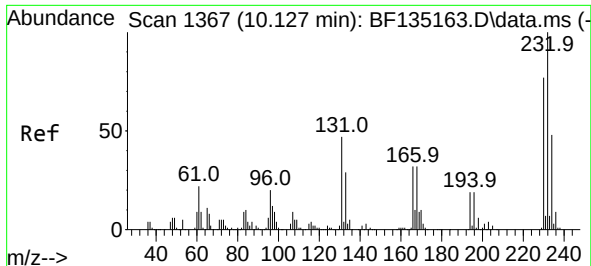
Tgt Ion:165 Resp: 156566
Ion Ratio Lower Upper
165 100
63 78.8 50.1 75.1#
89 86.3 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 47.663 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:166 Resp: 640741
Ion Ratio Lower Upper
166 100
165 94.0 74.3 111.5
167 13.9 10.9 16.3

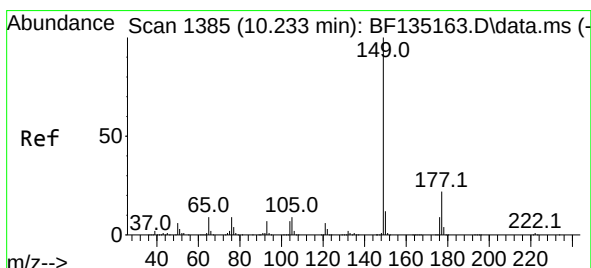
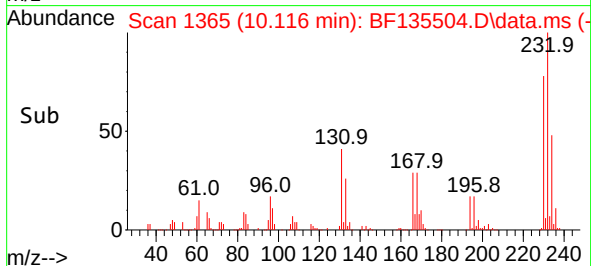
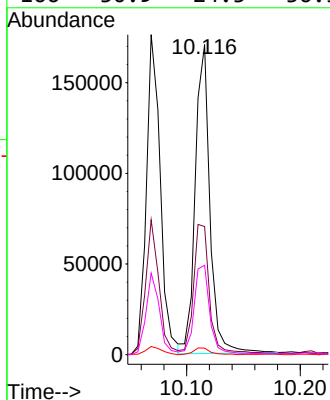
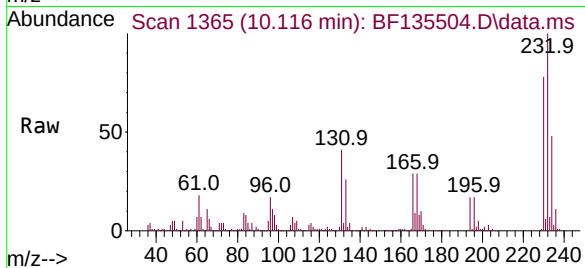




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.552 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

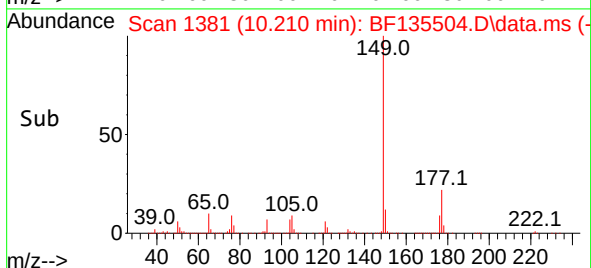
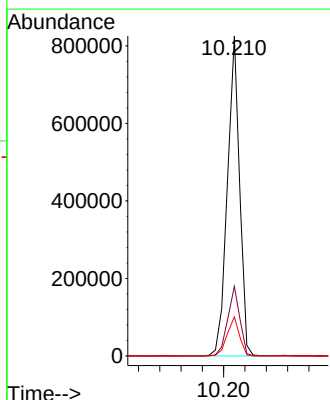
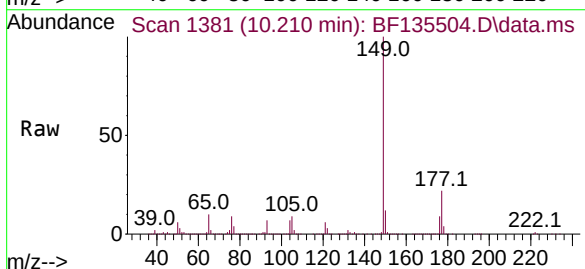
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

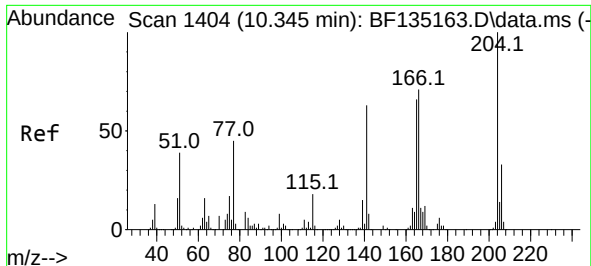
Tgt Ion:232 Resp: 153195
Ion Ratio Lower Upper
232 100
131 45.4 35.4 53.2
130 2.6 1.8 2.8
166 30.9 24.3 36.5



#60
Diethylphthalate
Concen: 46.305 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:149 Resp: 657706
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.2 10.0 15.0

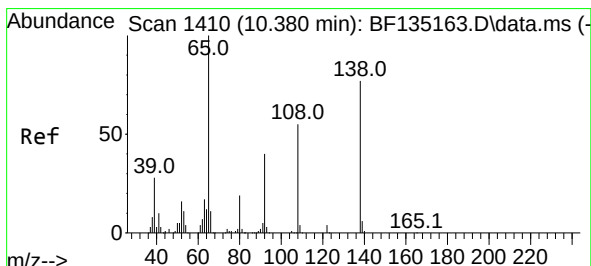
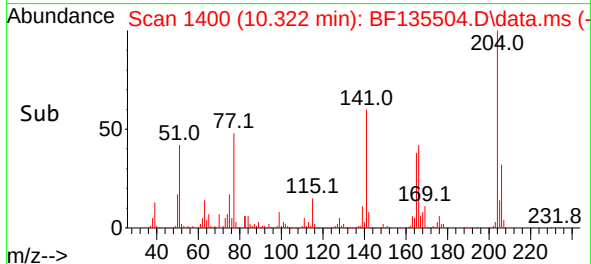
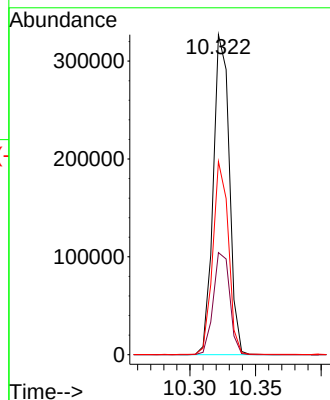
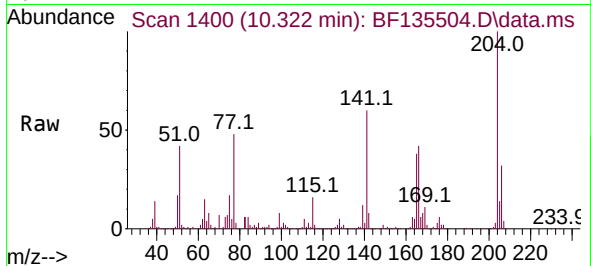




#61
4-Chlorophenyl-phenylether
Concen: 43.155 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

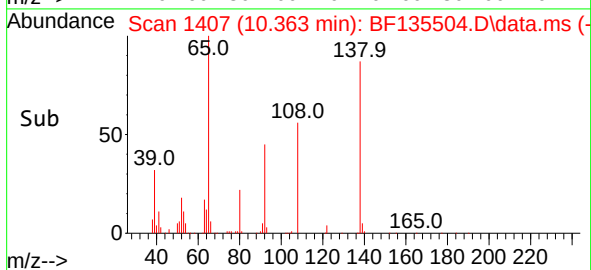
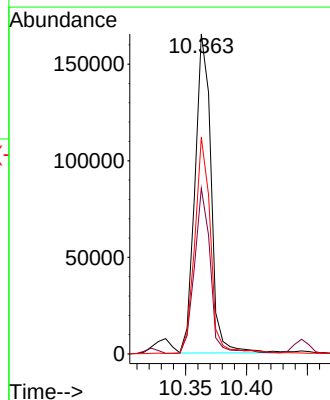
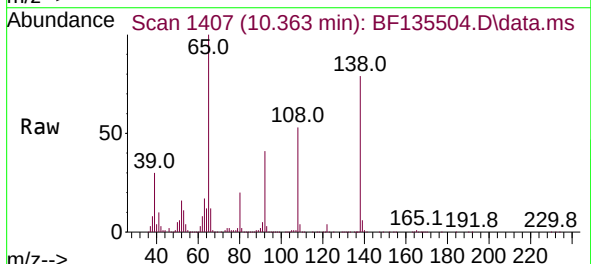
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

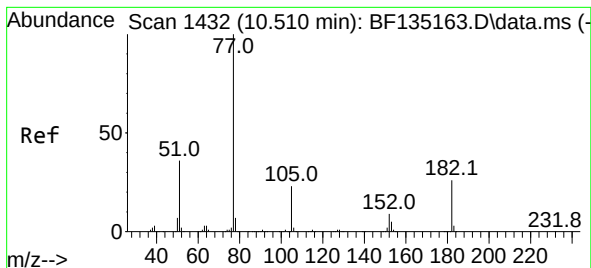
Tgt Ion:204 Resp: 278680
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 60.4 50.6 75.8



#62
4-Nitroaniline
Concen: 43.413 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:138 Resp: 151876
Ion Ratio Lower Upper
138 100
92 51.8 31.8 71.8
108 67.7 52.0 92.0





#63

Azobenzene

Concen: 46.418 ng

RT: 10.486 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

Tgt Ion: 77 Resp: 645261

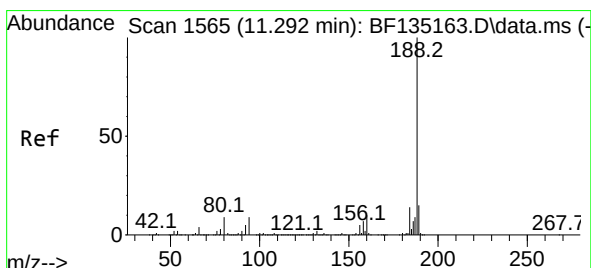
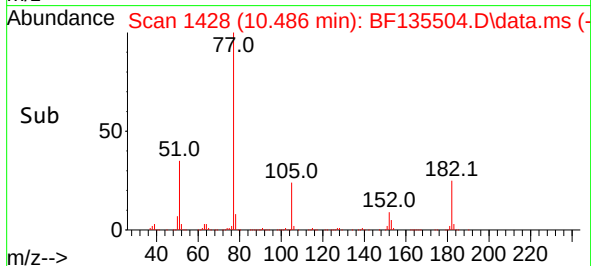
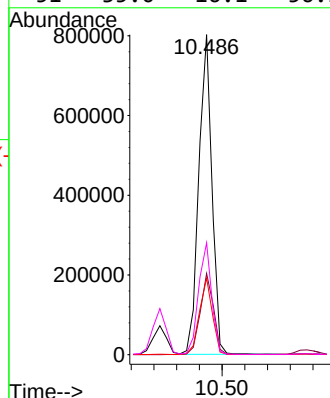
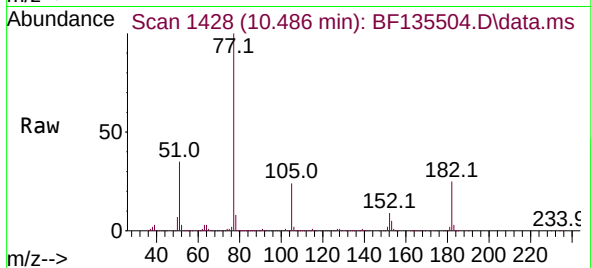
Ion Ratio Lower Upper

77 100

182 25.4 6.4 46.4

105 24.0 3.1 43.1

51 35.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

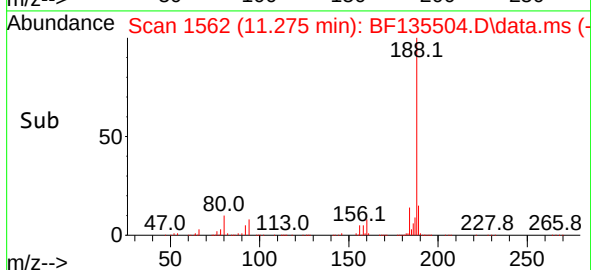
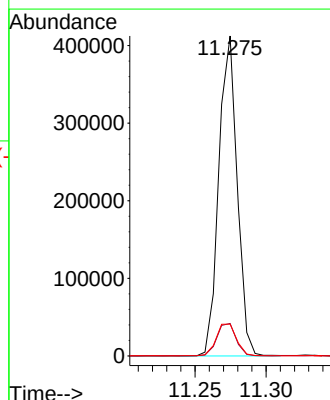
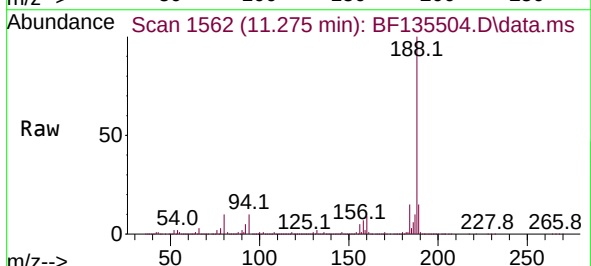
Tgt Ion: 188 Resp: 370215

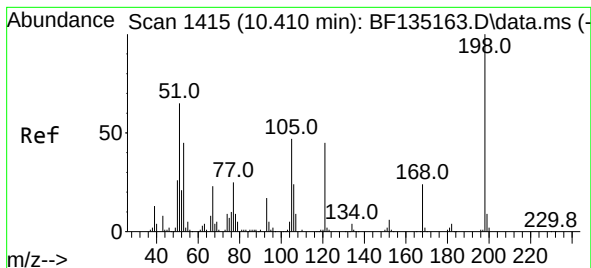
Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.0 7.5 11.3

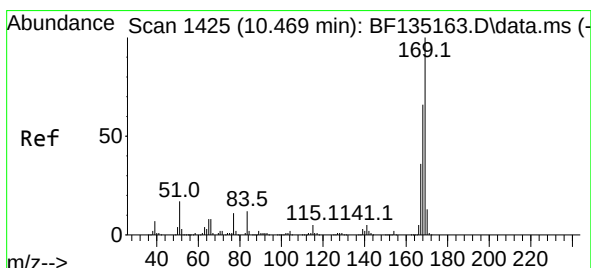
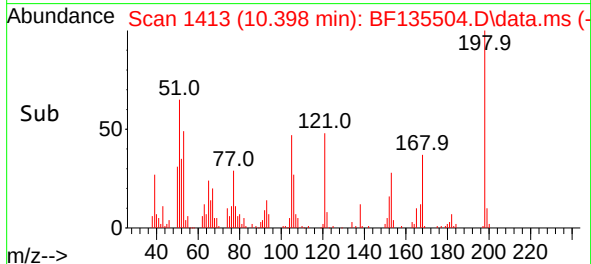
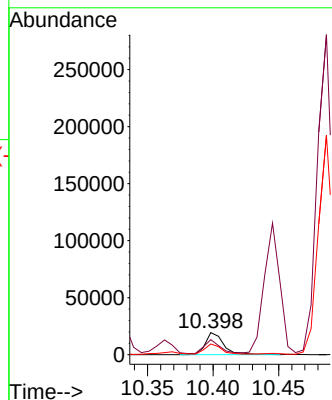
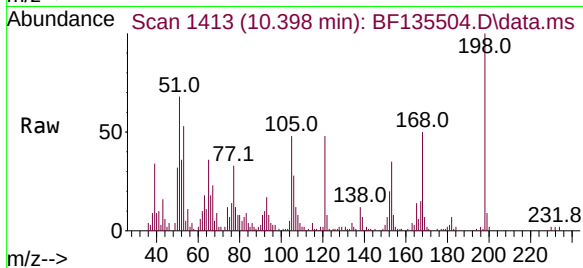




#65
4,6-Dinitro-2-methylphenol
Concen: 9.500 ng
RT: 10.398 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

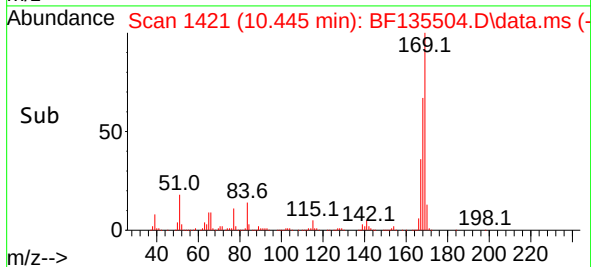
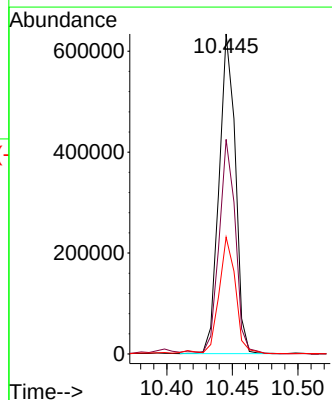
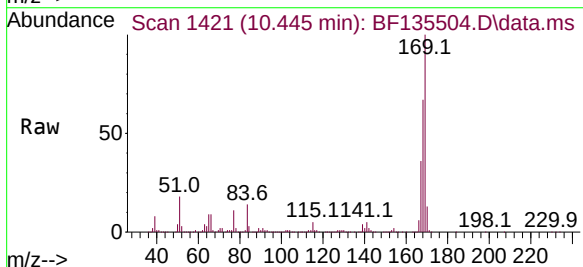
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

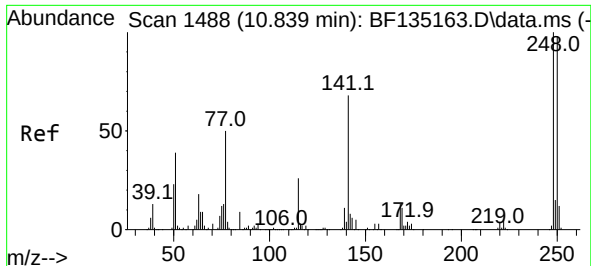
Tgt Ion:198 Resp: 18680
Ion Ratio Lower Upper
198 100
51 67.9 47.7 87.7
105 48.4 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 48.726 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:169 Resp: 546123
Ion Ratio Lower Upper
169 100
168 67.1 52.8 79.2
167 36.5 29.0 43.6

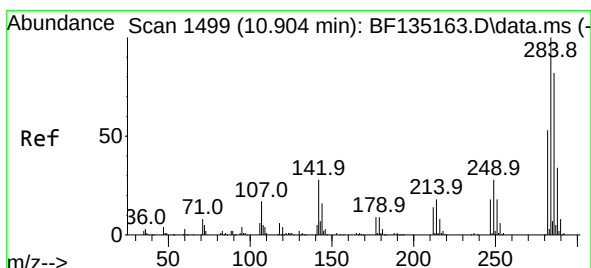
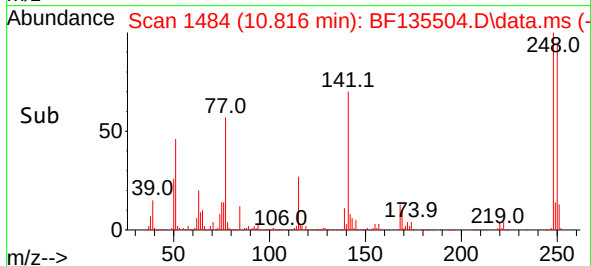
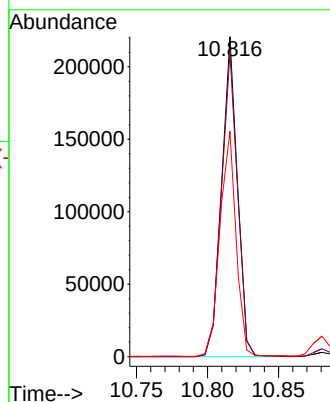
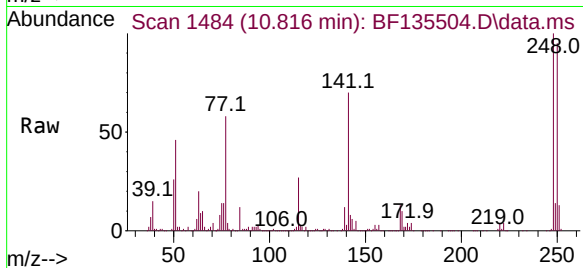




#67
4-Bromophenyl-phenylether
Concen: 46.444 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

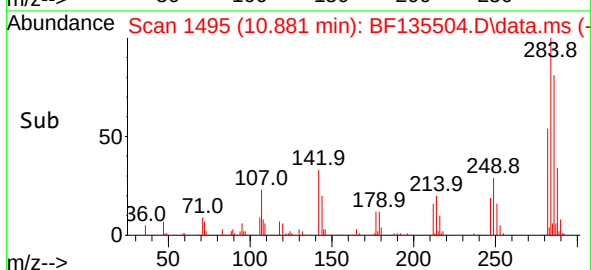
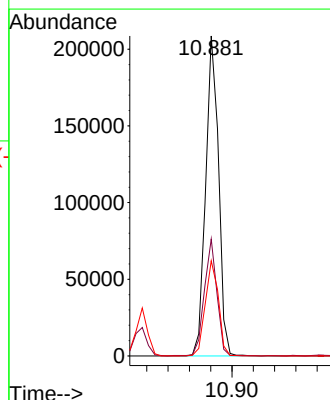
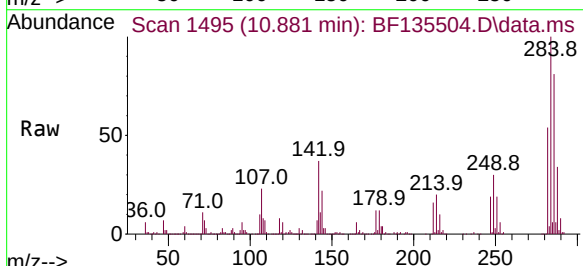
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

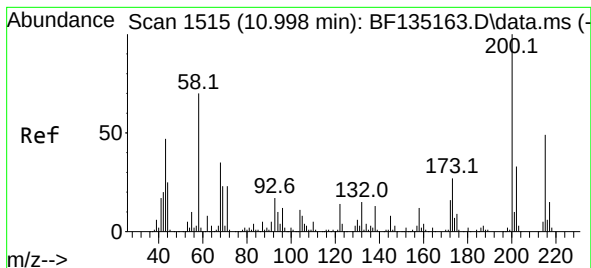
Tgt Ion:248 Resp: 171011
Ion Ratio Lower Upper
248 100
250 95.0 78.6 117.8
141 70.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.901 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:284 Resp: 175932
Ion Ratio Lower Upper
284 100
142 36.6 22.2 33.4#
249 29.7 22.5 33.7





#69

Atrazine

Concen: 50.805 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

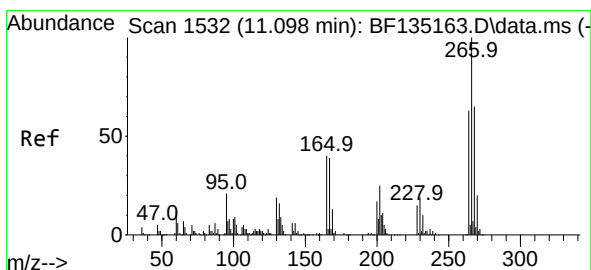
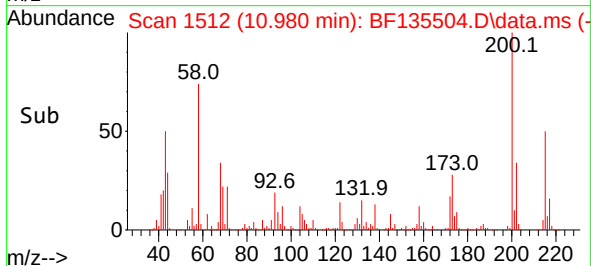
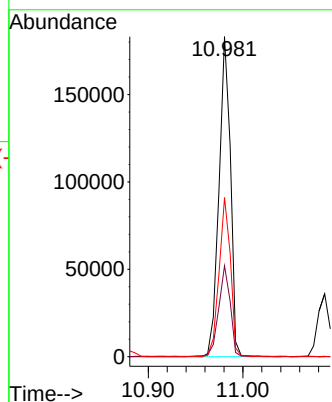
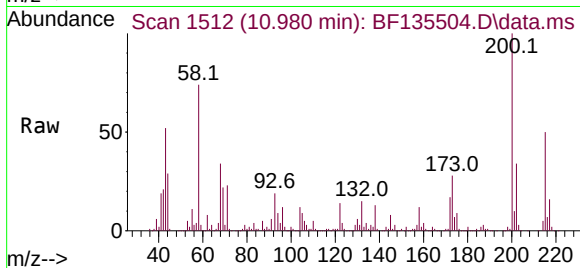
Tgt Ion:200 Resp: 153218

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.7 28.6 68.6



#70

Pentachlorophenol

Concen: 85.328 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

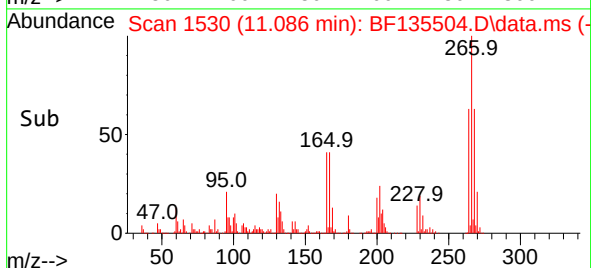
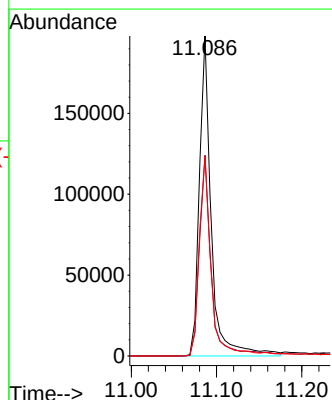
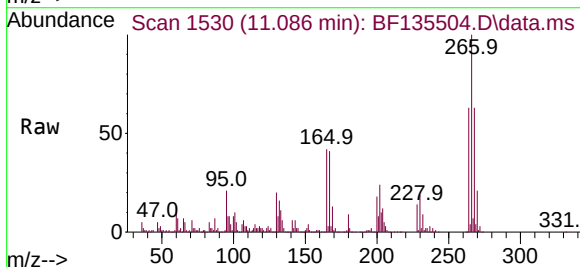
Tgt Ion:266 Resp: 191503

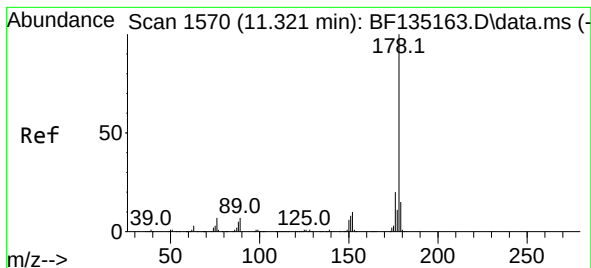
Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

264 62.6 50.8 76.2





#71

Phenanthrene

Concen: 65.206 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

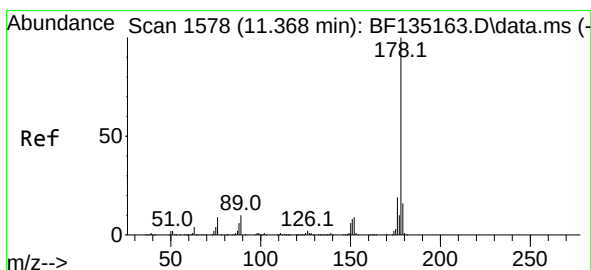
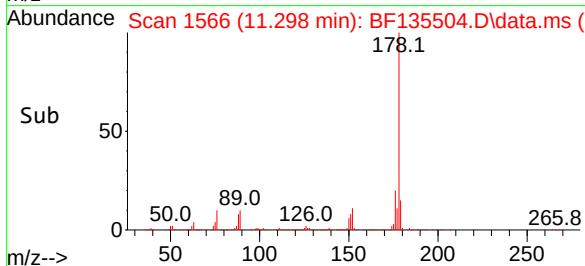
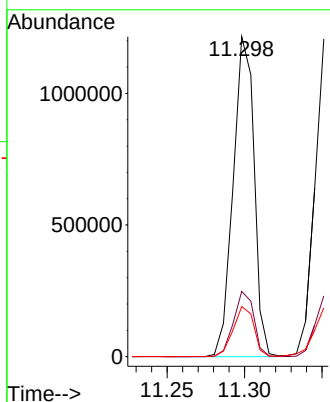
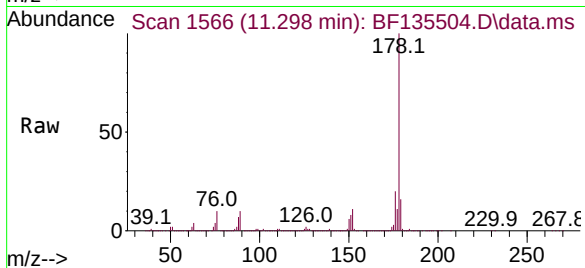
Tgt Ion:178 Resp: 1141736

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

179 15.6 12.0 18.0



#72

Anthracene

Concen: 55.327 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

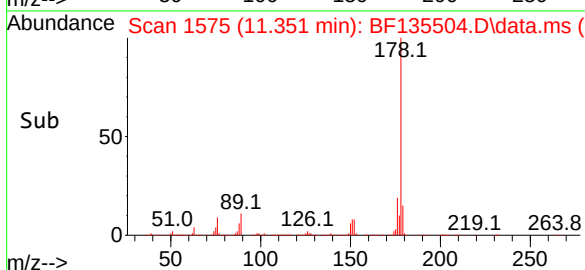
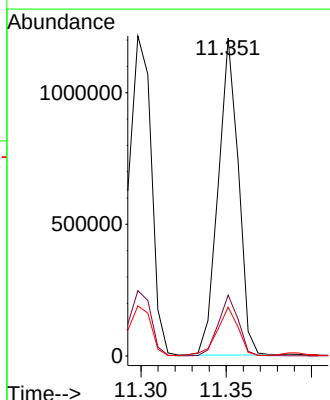
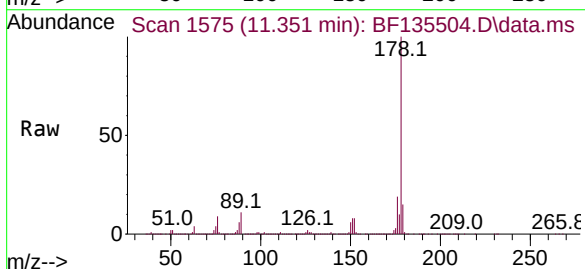
Tgt Ion:178 Resp: 995779

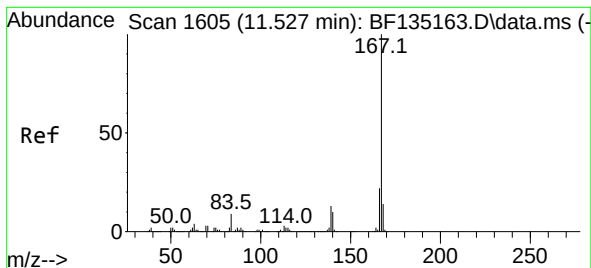
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.3 12.6 19.0





#73

Carbazole

Concen: 54.906 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

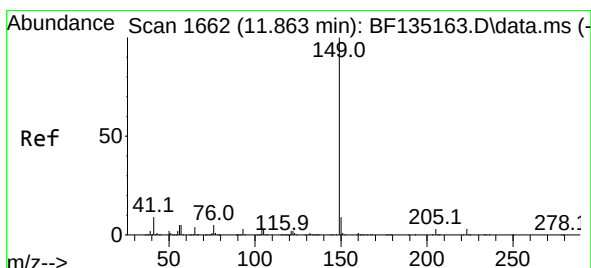
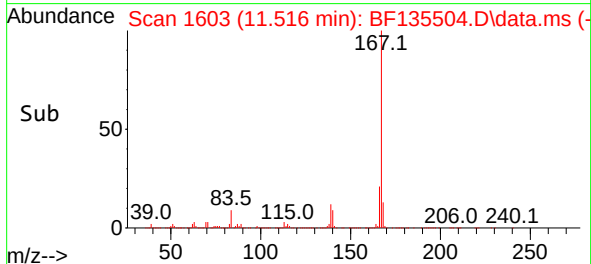
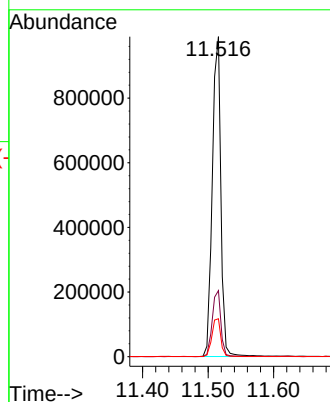
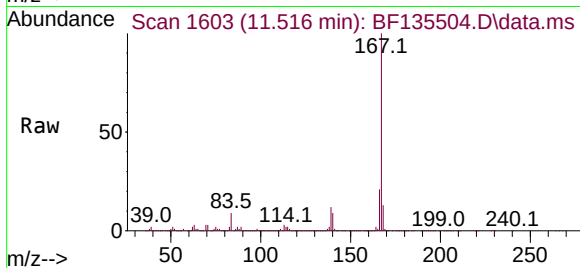
Tgt Ion:167 Resp: 899571

Ion Ratio Lower Upper

167 100

166 20.7 17.4 26.0

139 11.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.631 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

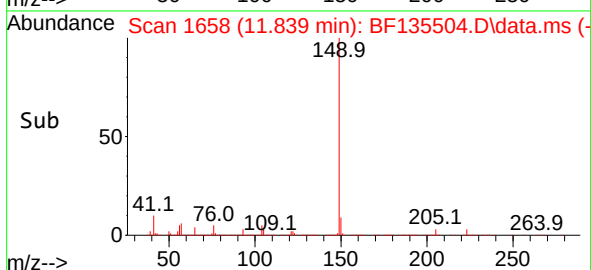
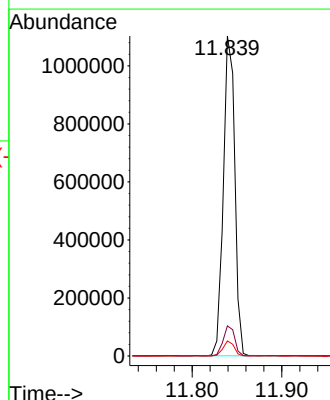
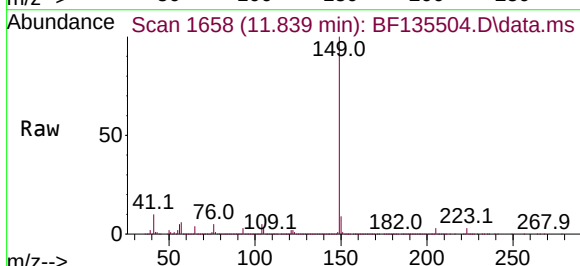
Tgt Ion:149 Resp: 977482

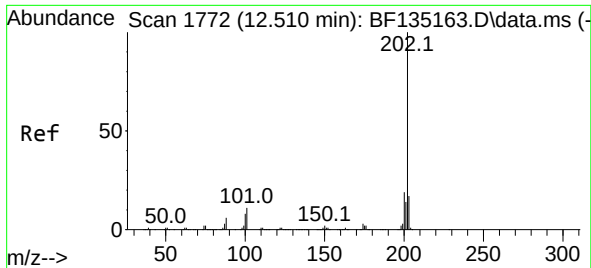
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.7 3.6 5.4

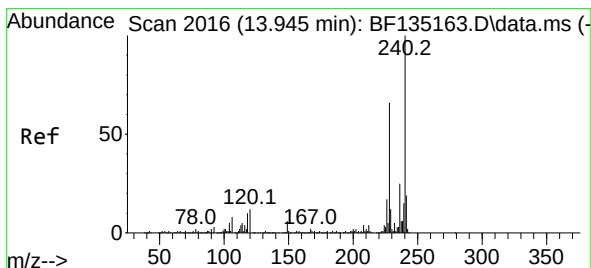
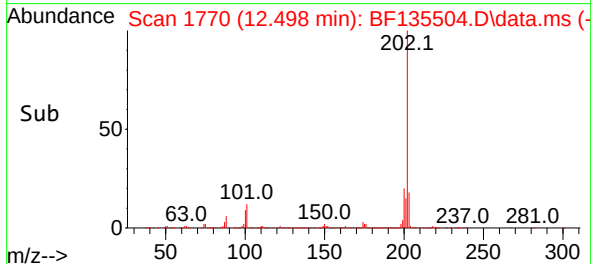
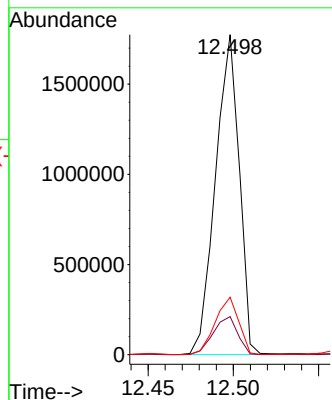
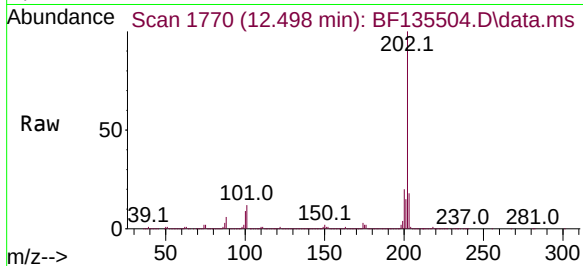




#75
Fluoranthene
Concen: 94.254 ng
RT: 12.498 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

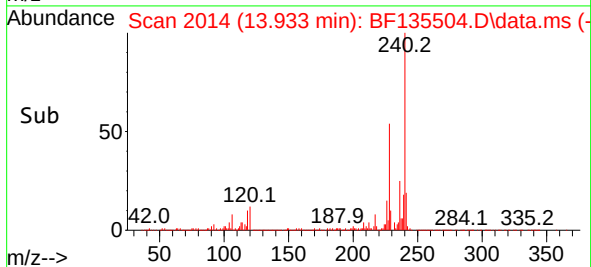
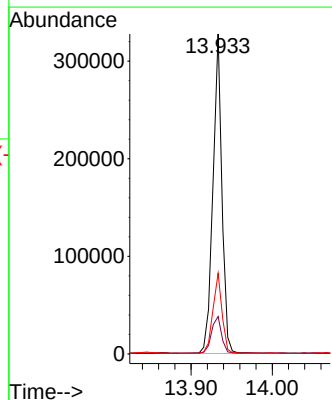
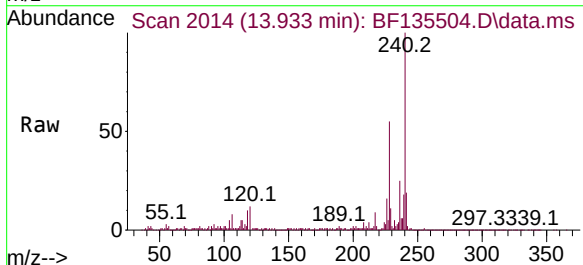
Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

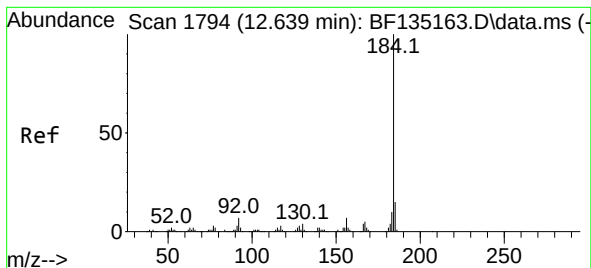
Tgt Ion:202 Resp: 1719653
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.3
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:240 Resp: 251649
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.3 19.8 29.8





#77

Benzidine

Concen: 39.742 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

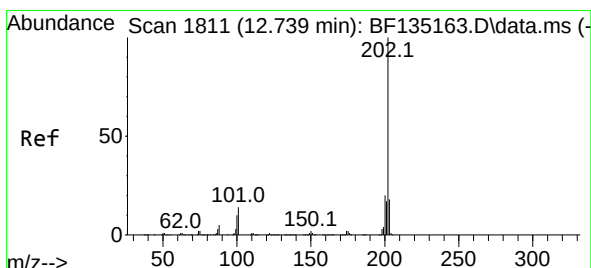
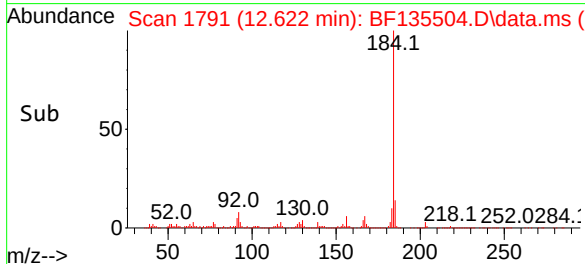
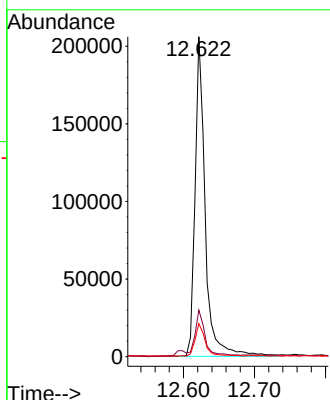
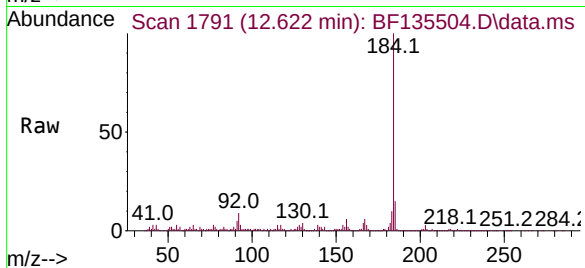
Tgt Ion:184 Resp: 204889

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.4 8.2 12.4



#78

Pyrene

Concen: 64.508 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

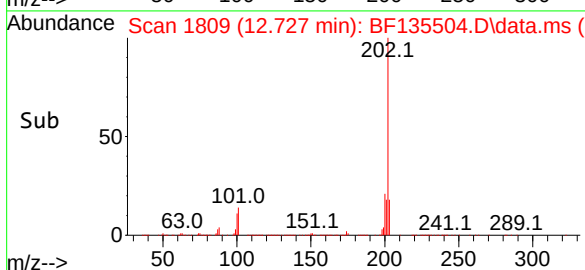
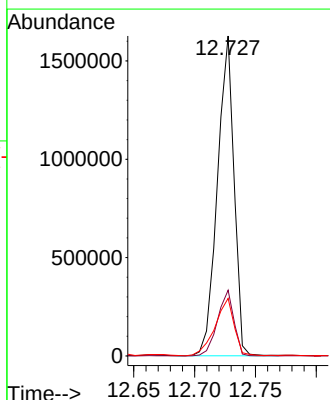
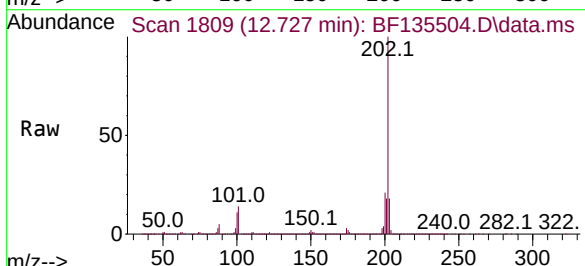
Tgt Ion:202 Resp: 1545532

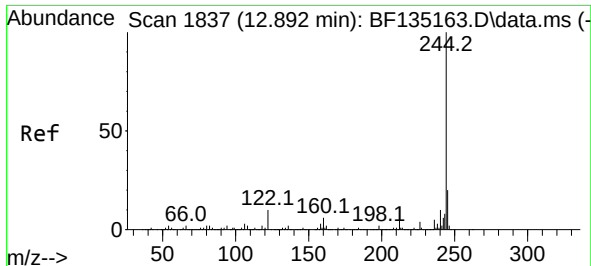
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 18.0 14.2 21.4

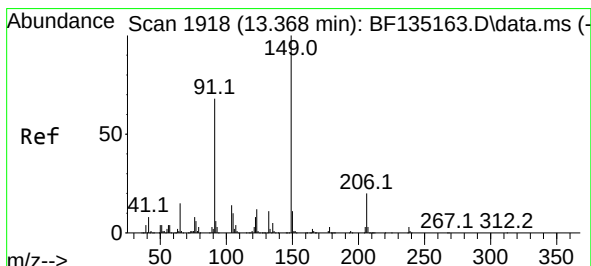
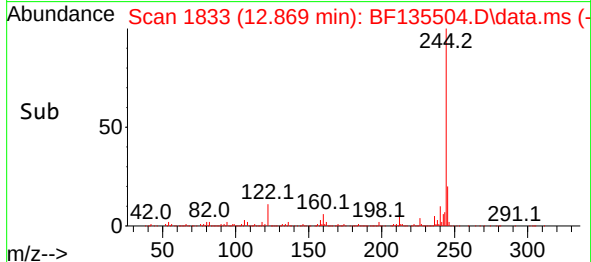
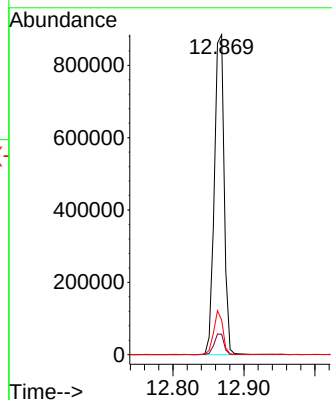
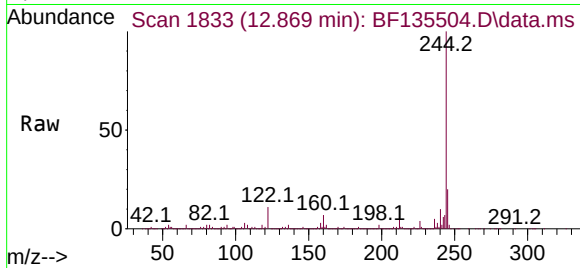




#79
 Terphenyl-d14
 Concen: 52.371 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

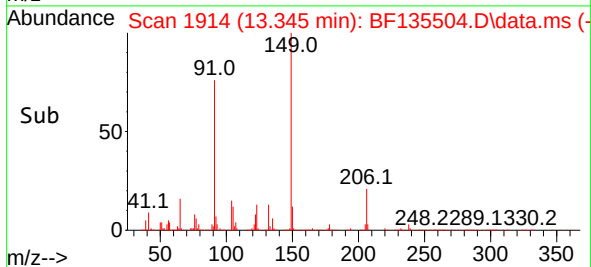
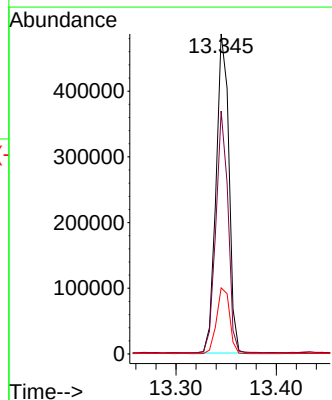
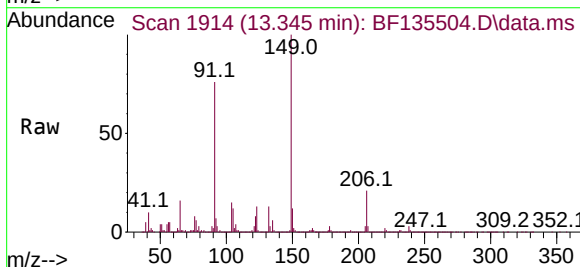
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MS

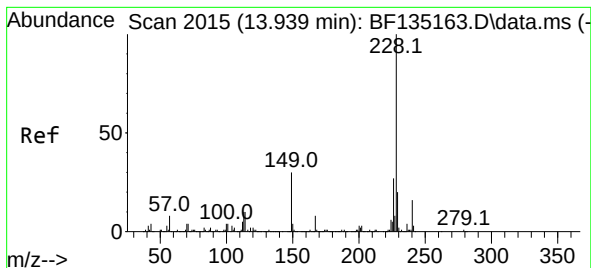
Tgt Ion:244 Resp: 850155
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 51.232 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: BF135504.D
 Acq: 28 Sep 2023 20:40

Tgt Ion:149 Resp: 432165
 Ion Ratio Lower Upper
 149 100
 91 75.9 54.7 82.1
 206 20.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 62.885 ng

RT: 13.921 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

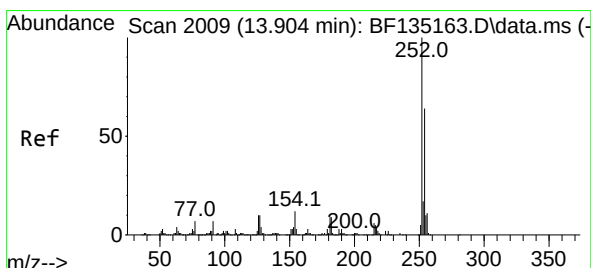
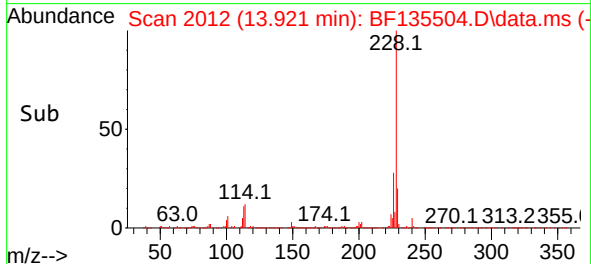
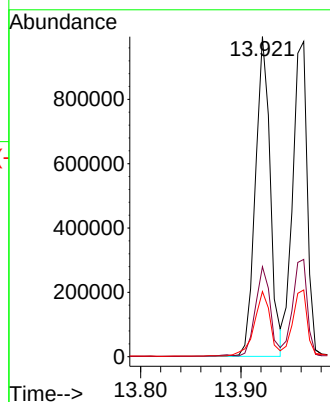
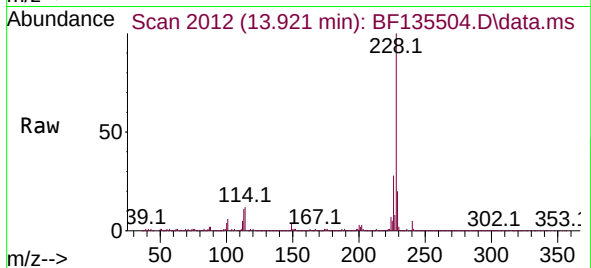
Tgt Ion:228 Resp: 1021855

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

229 20.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.575 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

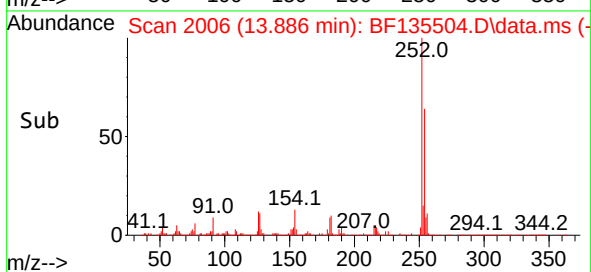
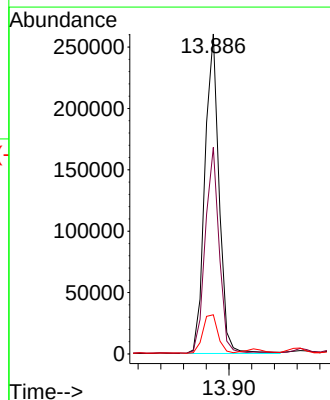
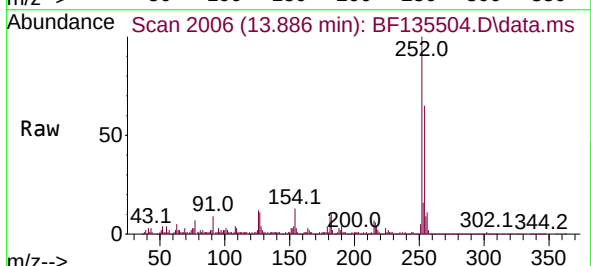
Tgt Ion:252 Resp: 226244

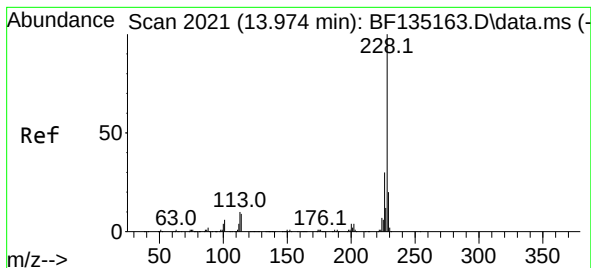
Ion Ratio Lower Upper

252 100

254 64.6 51.0 76.4

126 12.3 7.8 11.8#





#83

Chrysene

Concen: 61.216 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

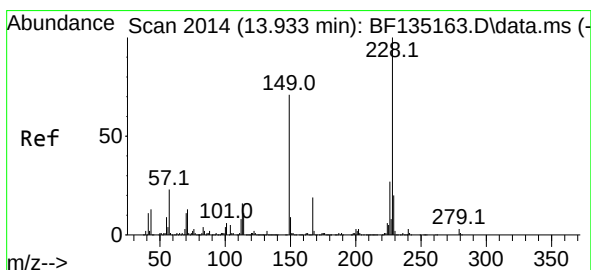
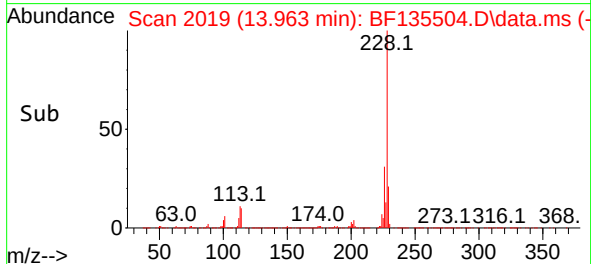
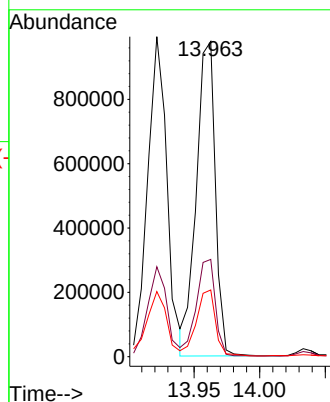
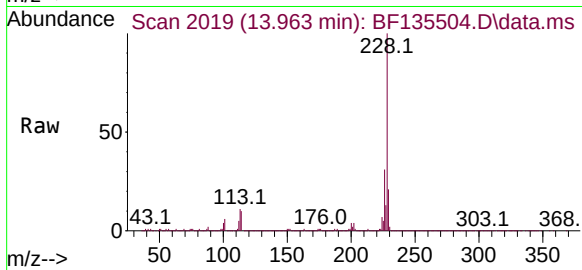
Tgt Ion:228 Resp: 989007

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 21.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.044 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

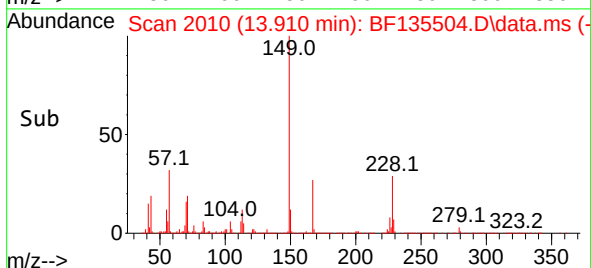
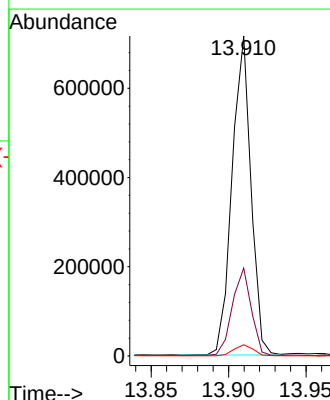
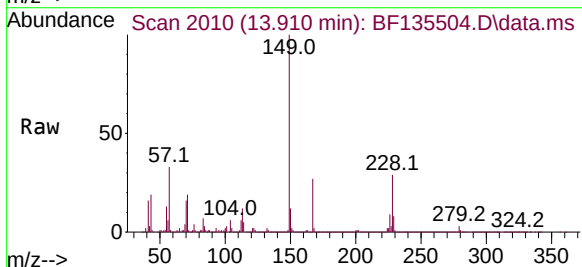
Tgt Ion:149 Resp: 606326

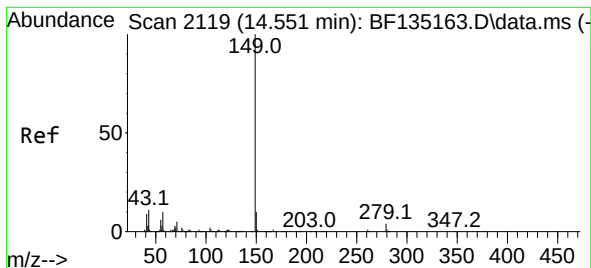
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 75.745 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

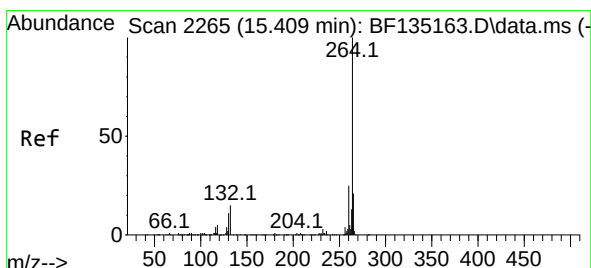
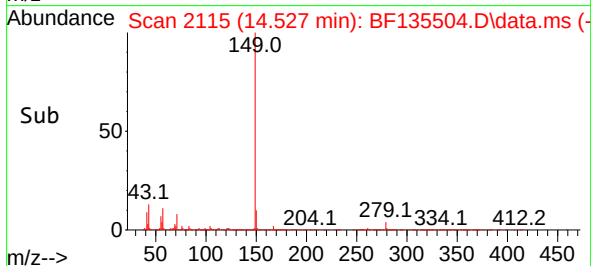
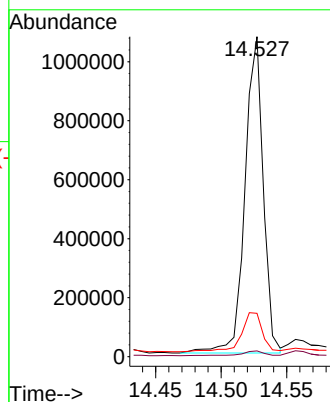
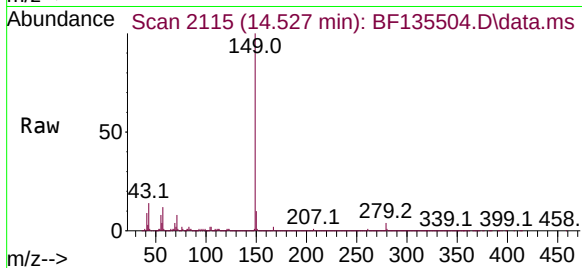
Tgt Ion:149 Resp: 1041997

Ion Ratio Lower Upper

149 100

167 2.1 1.1 1.7#

43 14.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.012 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

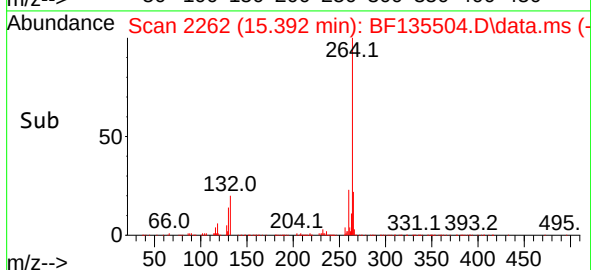
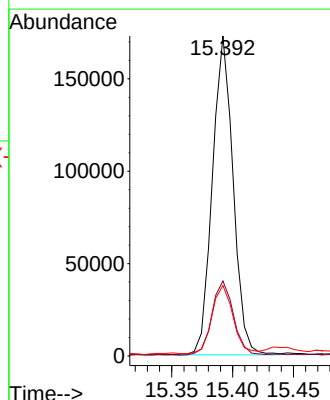
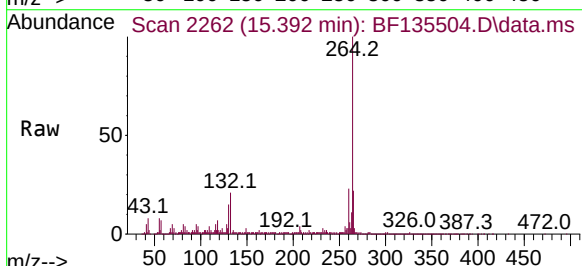
Tgt Ion:264 Resp: 204719

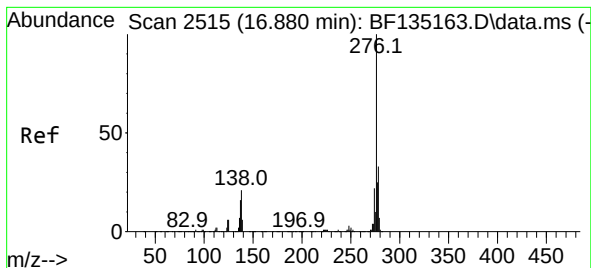
Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.926 ng

RT: 16.868 min Scan# 2190

Delta R.T. 0.012 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

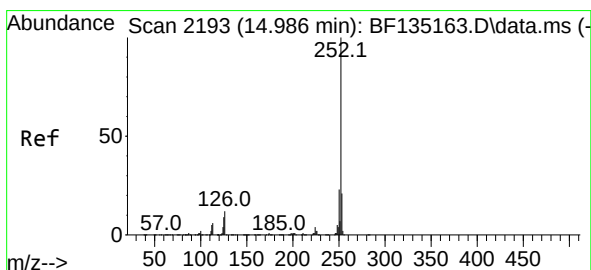
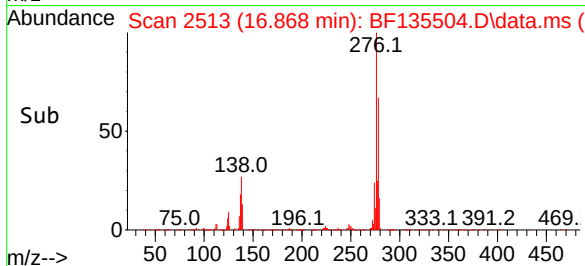
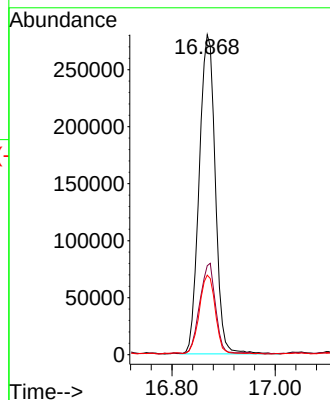
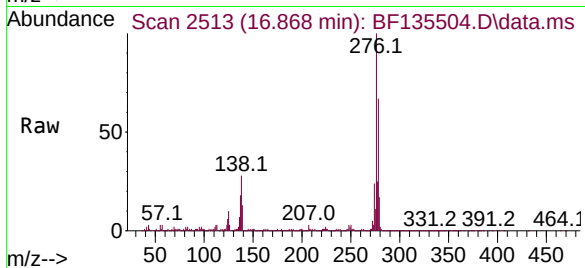
Tgt Ion:276 Resp: 603030

Ion Ratio Lower Upper

276 100

138 27.1 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 76.075 ng

RT: 14.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

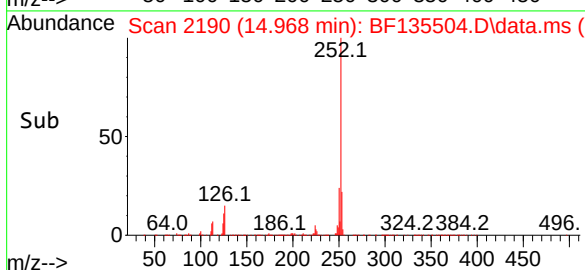
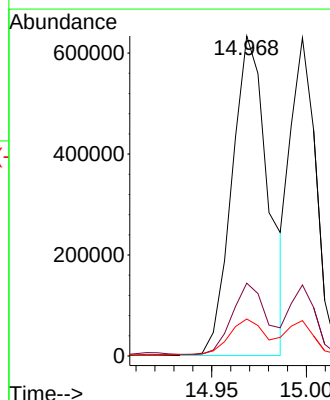
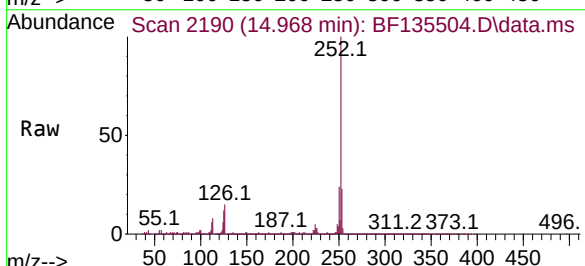
Tgt Ion:252 Resp: 843081

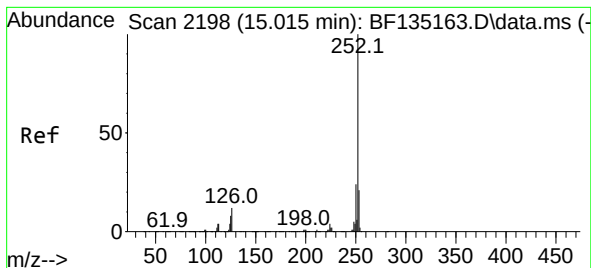
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 11.6 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 54.022 ng

RT: 14.998 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

Instrument :

BNA_F

ClientSampleId :

ETGI-287MS

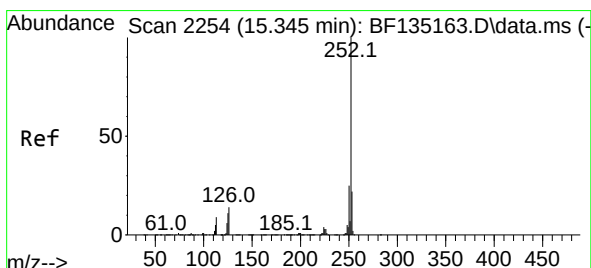
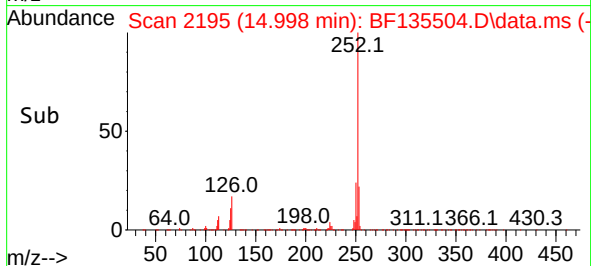
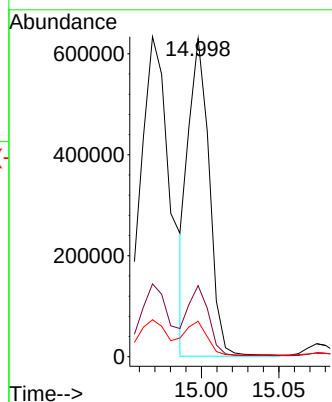
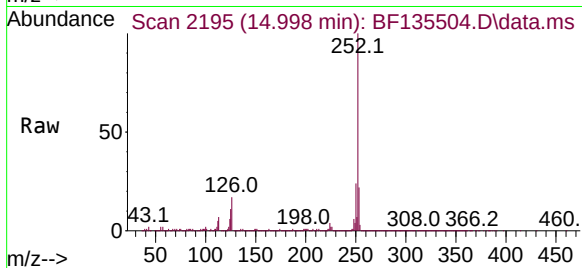
Tgt Ion:252 Resp: 591393

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 11.1 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 55.784 ng

RT: 15.333 min Scan# 2252

Delta R.T. 0.012 min

Lab File: BF135504.D

Acq: 28 Sep 2023 20:40

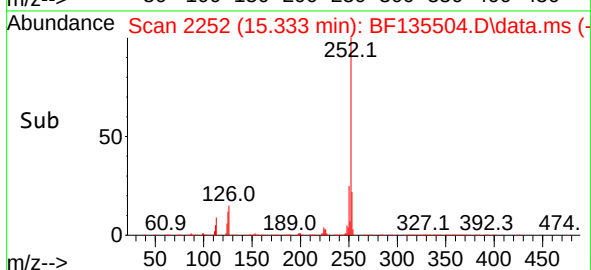
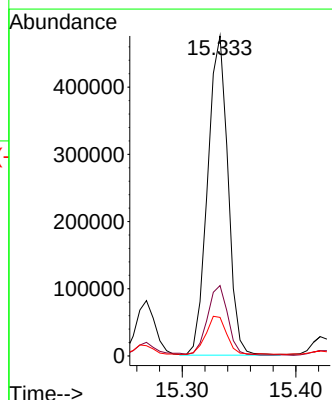
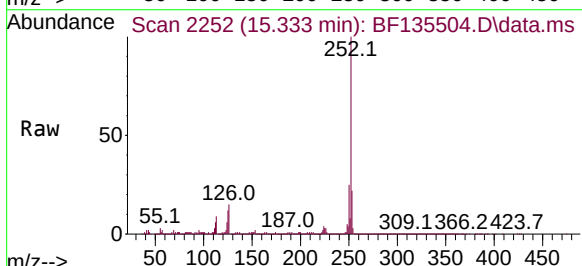
Tgt Ion:252 Resp: 589548

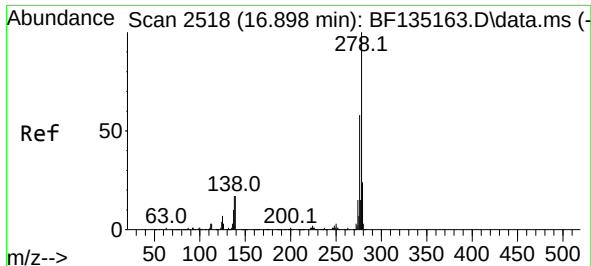
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 12.1 9.2 13.8

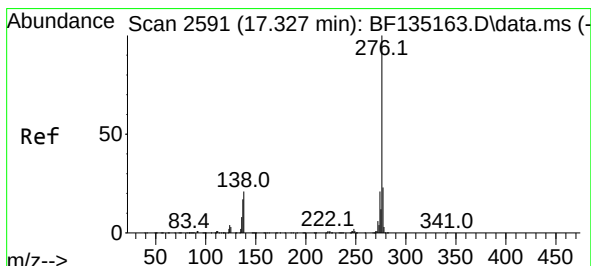
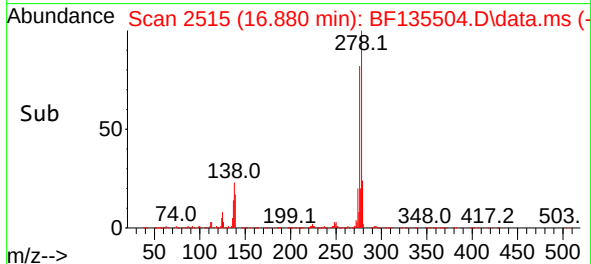
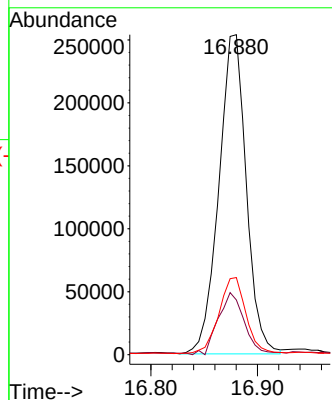
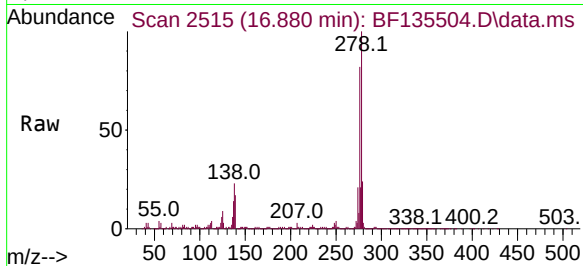




#91
Dibenzo(a,h)anthracene
Concen: 41.284 ng
RT: 16.880 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Instrument :
BNA_F
ClientSampleId :
ETGI-287MS

Tgt Ion:278 Resp: 453405
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.0
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.664 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.018 min
Lab File: BF135504.D
Acq: 28 Sep 2023 20:40

Tgt Ion:276 Resp: 500830
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 23.9 16.9 25.3

