

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135505.D
 Acq On : 28 Sep 2023 21:10
 Operator : CG\JU
 Sample : 04621-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MSD

Quant Time: Sep 29 00:27:37 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	129595	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	454693	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	190489	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	345714	20.000	ng	0.00
76) Chrysene-d12	13.933	240	239492	20.000	ng	0.00
86) Perylene-d12	15.392	264	193972	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	785462	98.577	ng	0.01
7) Phenol-d6	6.404	99	925690	91.365	ng	0.00
23) Nitrobenzene-d5	7.316	82	566982	67.746	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	160359	84.712	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	855006	67.719	ng	0.00
79) Terphenyl-d14	12.869	244	869425	56.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.493	88	184579	52.843	ng	92
3) Pyridine	3.252	79	418471	44.513	ng	95
4) n-Nitrosodimethylamine	3.210	42	266239	53.368	ng	94
6) Aniline	6.416	93	330269	24.858	ng	# 6
8) 2-Chlorophenol	6.540	128	416889	49.012	ng	96
9) Benzaldehyde	6.304	77	99356	17.214	ng	98
10) Phenol	6.416	94	501739	45.161	ng	88
11) bis(2-Chloroethyl)ether	6.487	93	432040	51.843	ng	99
12) 1,3-Dichlorobenzene	6.687	146	424801	49.142	ng	99
13) 1,4-Dichlorobenzene	6.763	146	433359	49.274	ng	99
14) 1,2-Dichlorobenzene	6.916	146	403562	49.411	ng	98
15) Benzyl Alcohol	6.898	79	340479	46.831	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	732913	46.658	ng	82
17) 2-Methylphenol	7.016	107	309551	41.240	ng	# 94
18) Hexachloroethane	7.251	117	145034	44.631	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	268591	42.799	ng	95
20) 3+4-Methylphenols	7.169	107	396343	43.912	ng	# 71
22) Acetophenone	7.157	105	529011	50.889	ng	# 90
24) Nitrobenzene	7.334	77	427720	51.706	ng	98
25) Isophorone	7.569	82	746437	48.571	ng	97
26) 2-Nitrophenol	7.645	139	174583	43.974	ng	99
27) 2,4-Dimethylphenol	7.692	122	297551	44.588	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	479352	52.113	ng	99
29) 2,4-Dichlorophenol	7.898	162	285195	46.121	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	316018	48.894	ng	99
31) Naphthalene	8.045	128	1083281	49.035	ng	99
32) Benzoic acid	7.822	122	196662	39.136	ng	97
33) 4-Chloroaniline	8.104	127	224177	23.128	ng	99
34) Hexachlorobutadiene	8.163	225	179975	46.180	ng	99
35) Caprolactam	8.475	113	97665	47.060	ng	97
36) 4-Chloro-3-methylphenol	8.598	107	288907	42.037	ng	97
37) 2-Methylnaphthalene	8.739	142	633576	42.664	ng	99
38) 1-Methylnaphthalene	8.839	142	607697	43.709	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	288234	52.229	ng	99
41) Hexachlorocyclopentadiene	8.887	237	18519	14.297	ng	99
43) 2,4,6-Trichlorophenol	9.028	196	180410	49.930	ng	98

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 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	188904	45.398	ng	98
46) 1,1'-Biphenyl	9.204	154	762355	52.078	ng	99
47) 2-Chloronaphthalene	9.228	162	558813	52.613	ng	98
48) 2-Nitroaniline	9.334	65	216368	52.436	ng	96
49) Acenaphthylene	9.645	152	915699	51.876	ng	100
50) Dimethylphthalate	9.510	163	640471	49.730	ng	100
51) 2,6-Dinitrotoluene	9.575	165	134992	47.846	ng	98
52) Acenaphthene	9.816	154	554291	53.155	ng	98
53) 3-Nitroaniline	9.751	138	143122	43.216	ng	91
54) 2,4-Dinitrophenol	9.869	184	11364	12.789	ng	# 87
55) Dibenzofuran	9.986	168	767704	48.245	ng	99
56) 4-Nitrophenol	9.934	139	202731	96.317	ng	89
57) 2,4-Dinitrotoluene	9.986	165	147489	41.757	ng	# 80
58) Fluorene	10.333	166	616016	50.357	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153927	48.089	ng	99
60) Diethylphthalate	10.210	149	614726	47.560	ng	100
61) 4-Chlorophenyl-phenyle...	10.328	204	268491	45.690	ng	89
62) 4-Nitroaniline	10.363	138	149271	46.890	ng	97
63) Azobenzene	10.486	77	602441	47.624	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	12328	6.714	ng	87
66) n-Nitrosodiphenylamine	10.445	169	517899	49.482	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	162142	47.157	ng	97
68) Hexachlorobenzene	10.881	284	170464	48.663	ng	# 90
69) Atrazine	10.980	200	145076	51.515	ng	99
70) Pentachlorophenol	11.086	266	195543	93.303	ng	98
71) Phenanthrene	11.298	178	1136362	69.499	ng	99
72) Anthracene	11.351	178	984525	58.579	ng	100
73) Carbazole	11.516	167	895733	58.546	ng	99
74) Di-n-butylphthalate	11.839	149	965178	53.537	ng	100
75) Fluoranthene	12.498	202	1770035	103.891	ng	99
77) Benzidine	12.622	184	248508	50.649	ng	99
78) Pyrene	12.727	202	1564420	68.611	ng	99
80) Butylbenzylphthalate	13.351	149	439949	54.802	ng	98
81) Benzo(a)anthracene	13.921	228	984764	63.678	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	234003	48.443	ng	# 99
83) Chrysene	13.963	228	979738	63.721	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	620496	75.320	ng	99
85) Di-n-octyl phthalate	14.527	149	1027051	78.449	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.868	276	593075	46.632	ng	96
88) Benzo(b)fluoranthene	14.968	252	780118	74.294	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	555619	53.566	ng	# 96
90) Benzo(a)pyrene	15.333	252	564969	56.421	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	451430	43.381	ng	98
92) Benzo(g,h,i)perylene	17.315	276	495201	45.566	ng	96

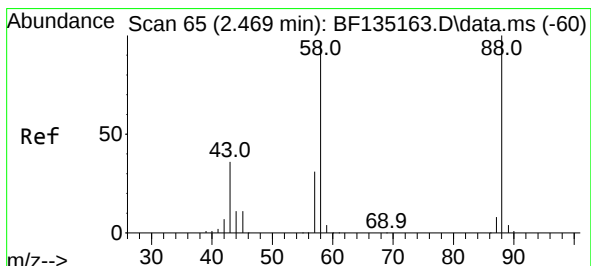
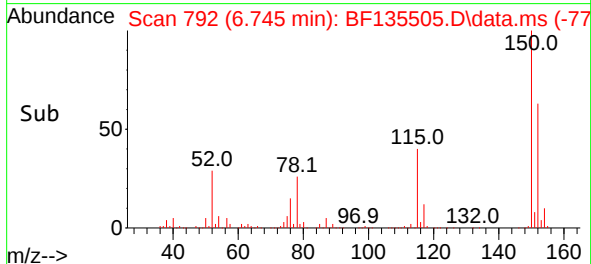
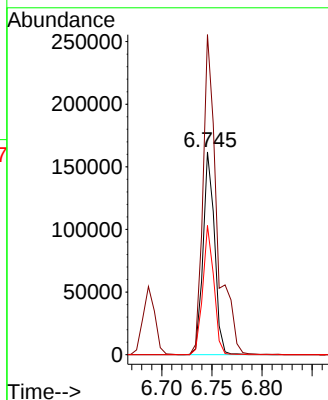
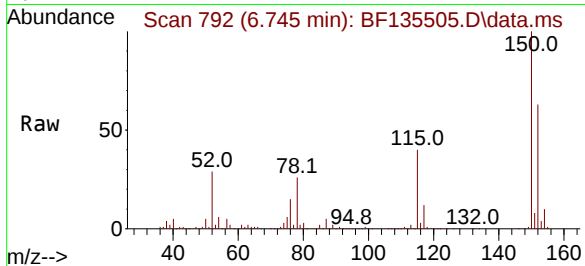
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

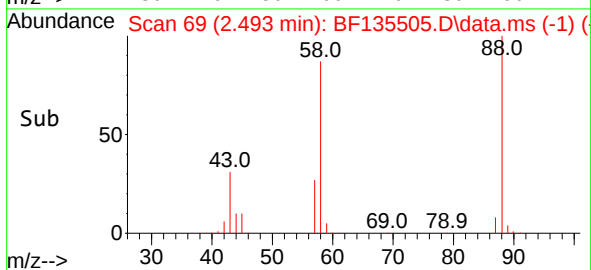
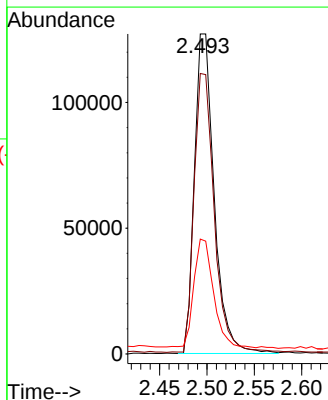
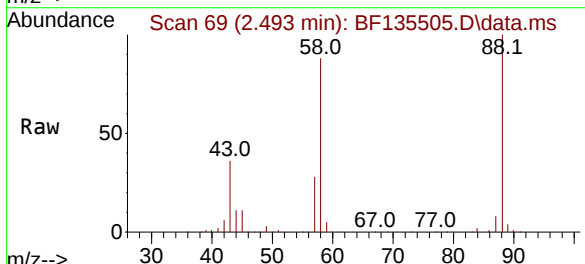
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Tgt Ion:152 Resp: 129595
Ion Ratio Lower Upper
152 100
150 157.9 127.8 191.6
115 63.7 49.8 74.8



#2
1,4-Dioxane
Concen: 52.843 ng
RT: 2.493 min Scan# 69
Delta R.T. 0.059 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion: 88 Resp: 184579
Ion Ratio Lower Upper
88 100
58 89.3 78.3 117.5
43 33.7 29.4 44.0

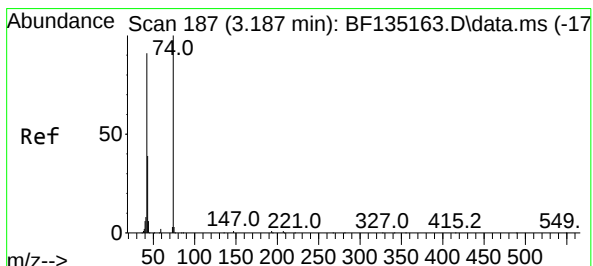
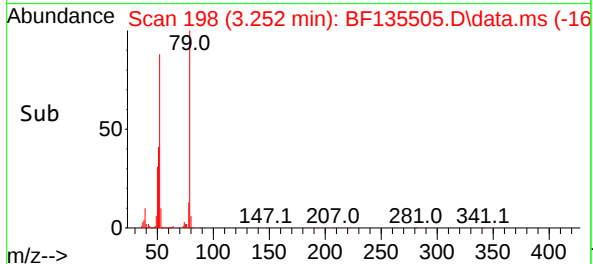
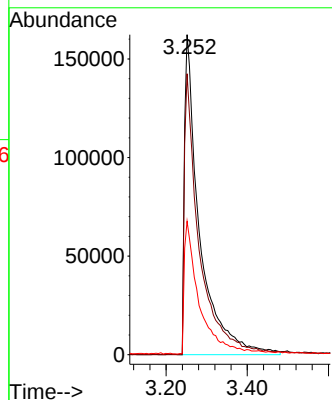
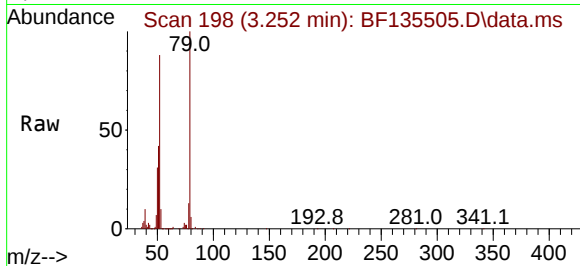




#3
Pyridine
Concen: 44.513 ng
RT: 3.252 min Scan# 191
Delta R.T. 0.076 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

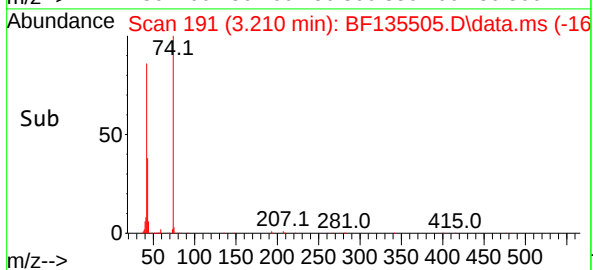
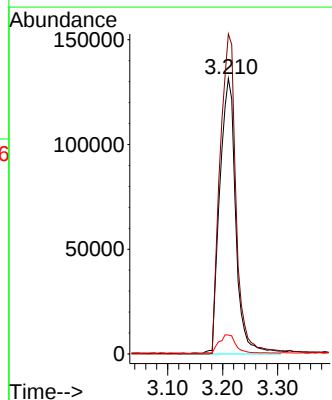
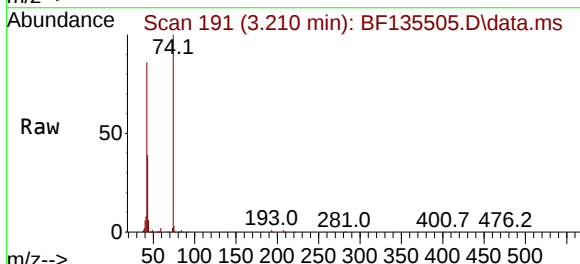
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Tgt Ion: 79 Resp: 418471
Ion Ratio Lower Upper
79 100
52 87.8 74.1 111.1
51 41.7 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 53.368 ng
RT: 3.210 min Scan# 191
Delta R.T. 0.059 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion: 42 Resp: 266239
Ion Ratio Lower Upper
42 100
74 116.2 87.7 131.5
44 6.8 5.6 8.4

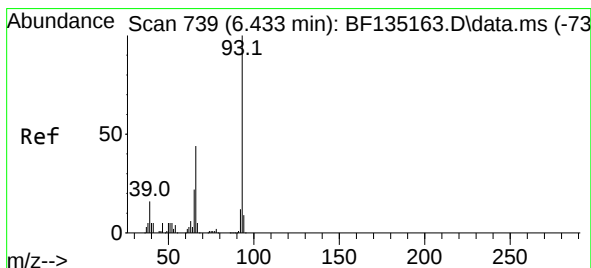
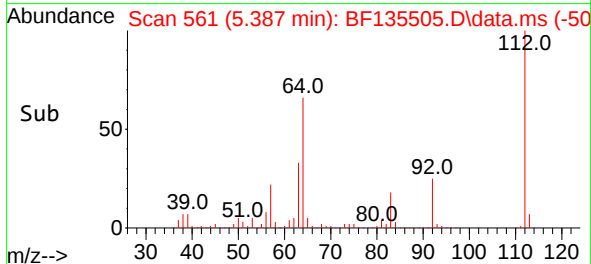
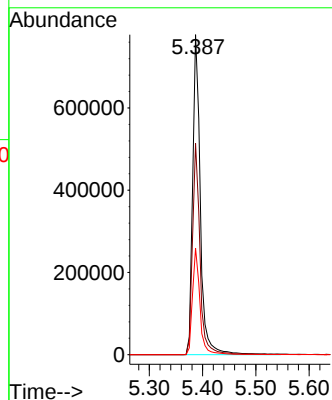
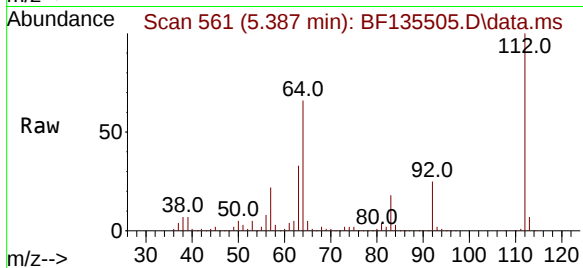




#5
2-Fluorophenol
Concen: 98.577 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

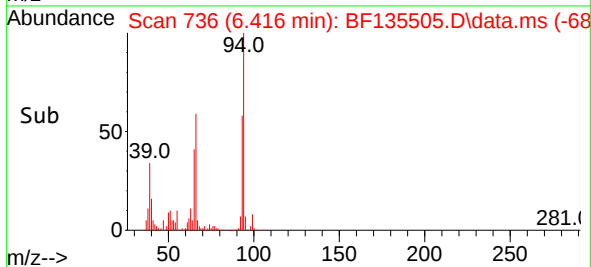
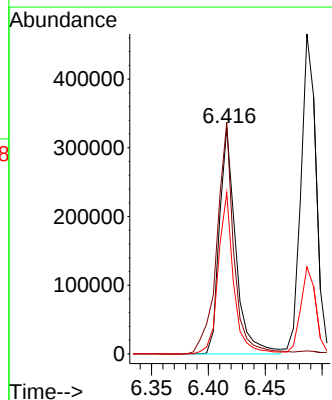
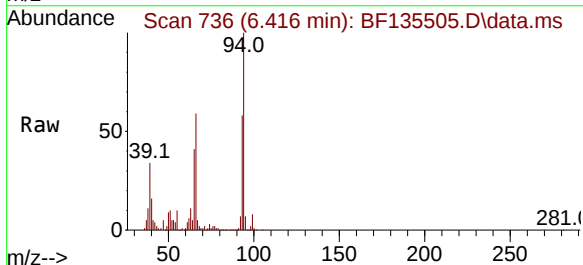
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BNA_F
ClientSampleId :
ETGI-287MSD

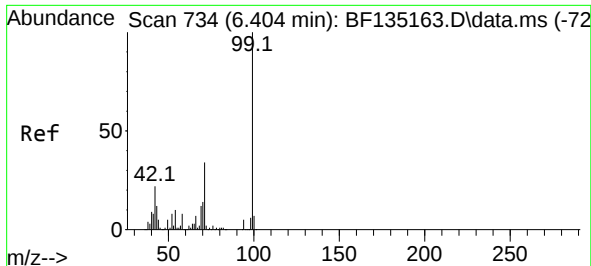
Tgt Ion:112 Resp: 785462
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 33.3 29.0 43.6



#6
Aniline
Concen: 24.858 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion: 93 Resp: 330269
Ion Ratio Lower Upper
93 100
66 102.6 35.4 53.0#
65 71.4 17.8 26.8#

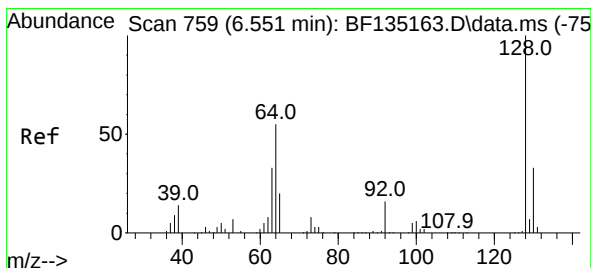
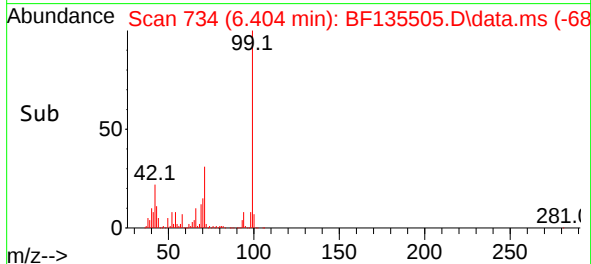
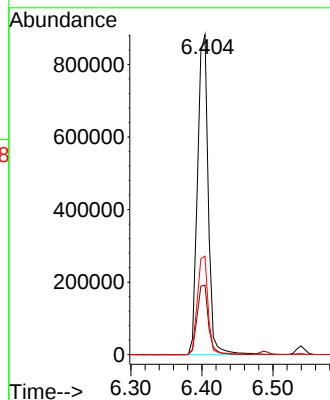
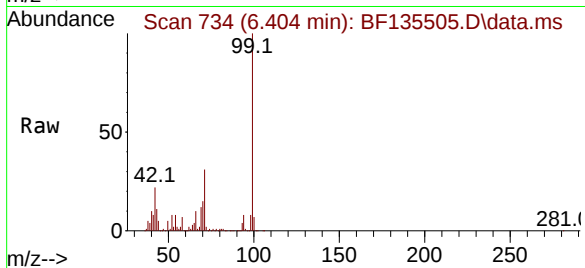




#7
Phenol-d6
Concen: 91.365 ng
RT: 6.404 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

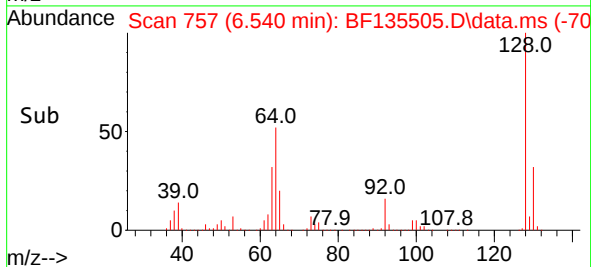
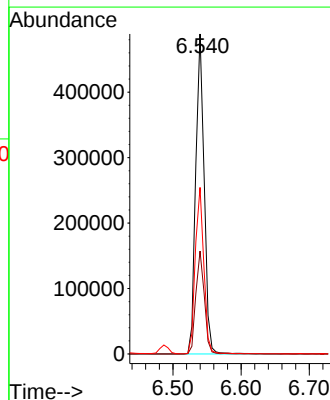
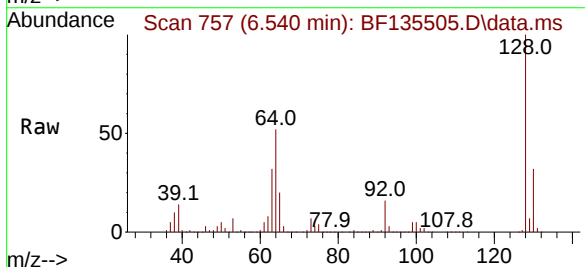
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ClientSampleId :
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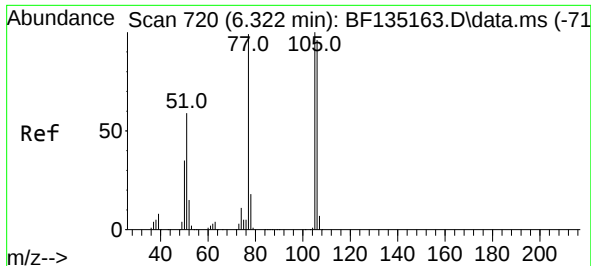
Tgt Ion: 99 Resp: 925690
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 30.8 27.0 40.6



#8
2-Chlorophenol
Concen: 49.012 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:128 Resp: 416889
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 52.0 35.9 75.9





#9

Benzaldehyde

Concen: 17.214 ng

RT: 6.304 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF135505.D

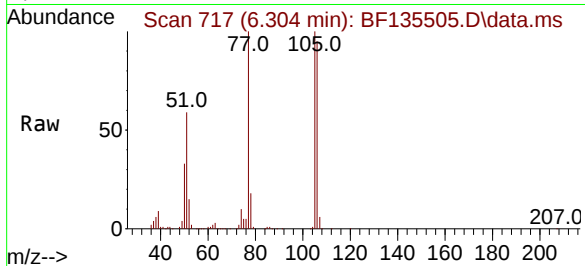
Acq: 28 Sep 2023 21:10

Instrument :

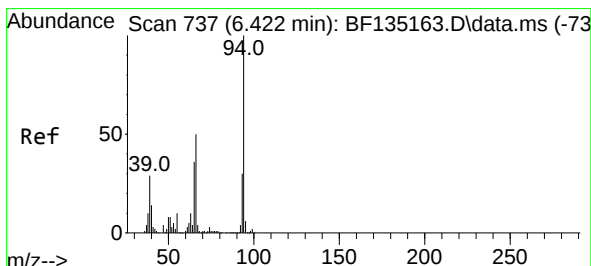
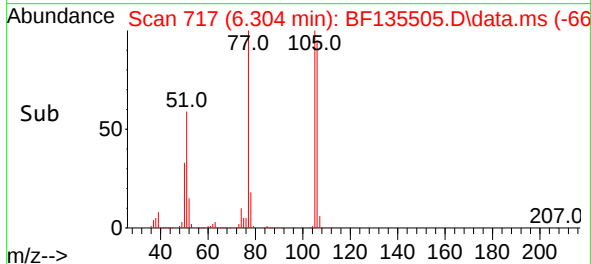
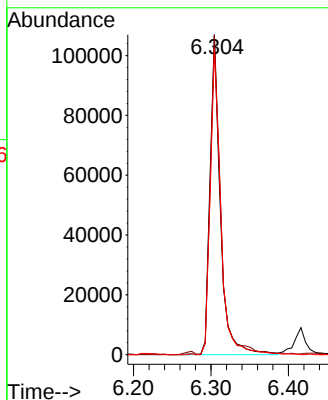
BNA_F

ClientSampleId :

ETGI-287MSD



Tgt Ion:	77	Resp:	99356
Ion	Ratio	Lower	Upper
77	100		
105	99.7	81.4	121.4
106	95.4	76.9	116.9



#10

Phenol

Concen: 45.161 ng

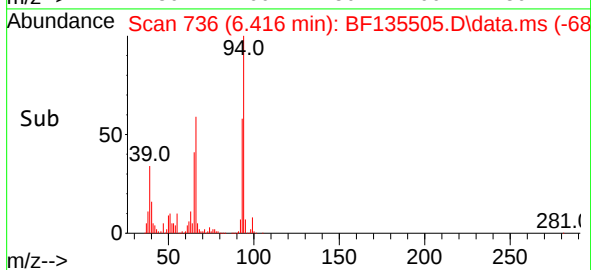
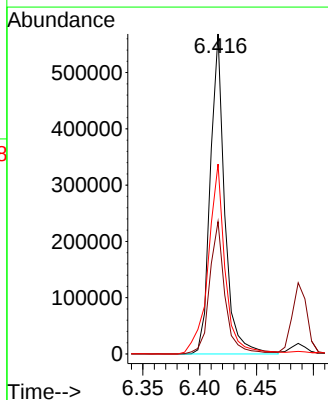
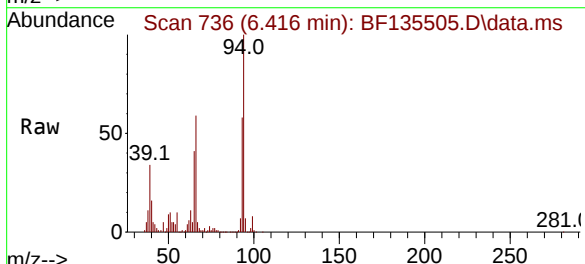
RT: 6.416 min Scan# 736

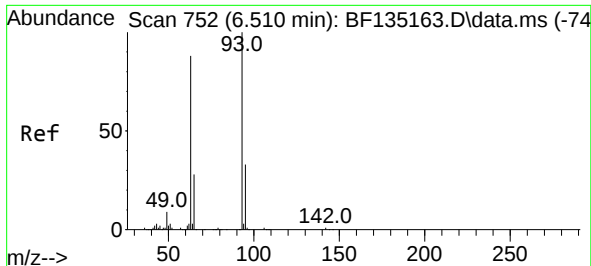
Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Tgt Ion:	94	Resp:	501739
Ion	Ratio	Lower	Upper
94	100		
65	41.3	15.9	55.9
66	59.3	29.8	69.8

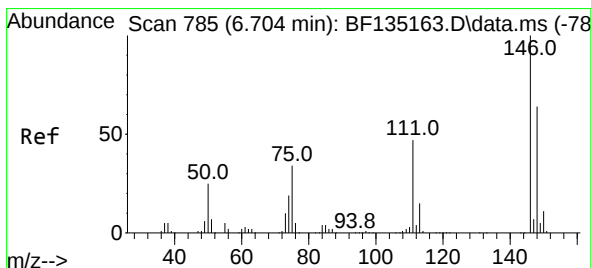
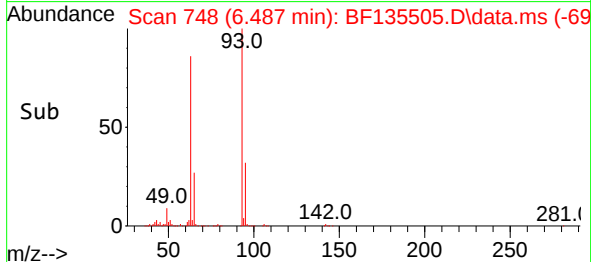
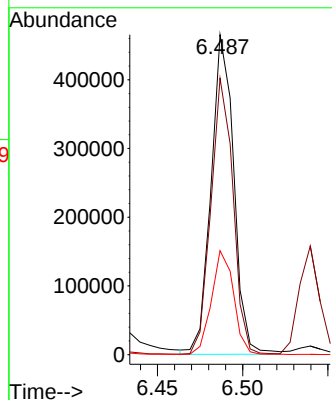
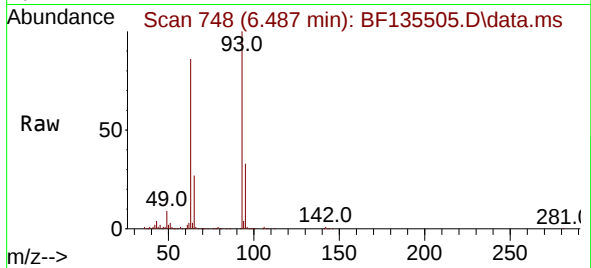




#11
bis(2-Chloroethyl)ether
Concen: 51.843 ng
RT: 6.487 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

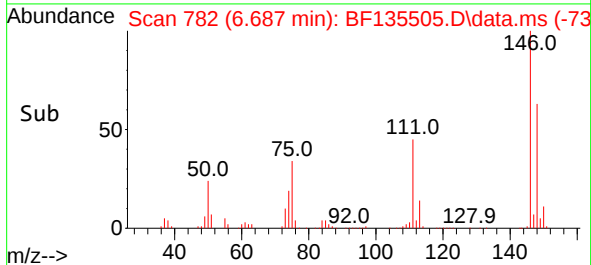
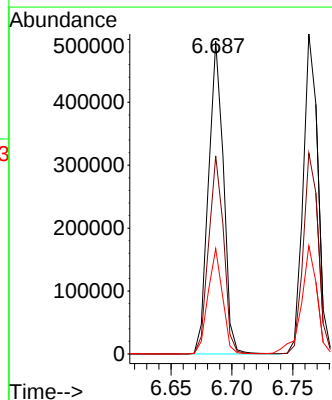
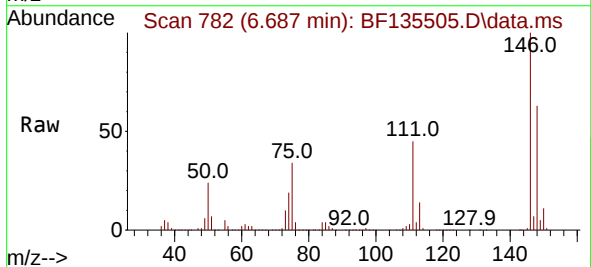
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

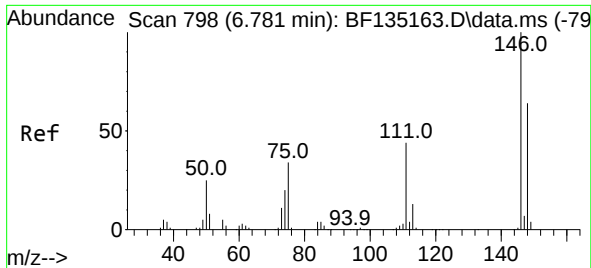
Tgt Ion: 93 Resp: 432040
Ion Ratio Lower Upper
93 100
63 86.4 67.3 107.3
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.142 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:146 Resp: 424801
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 33.7 27.4 41.2

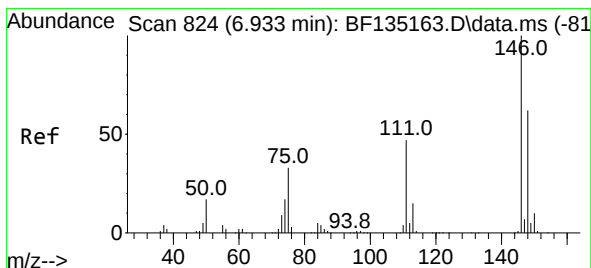
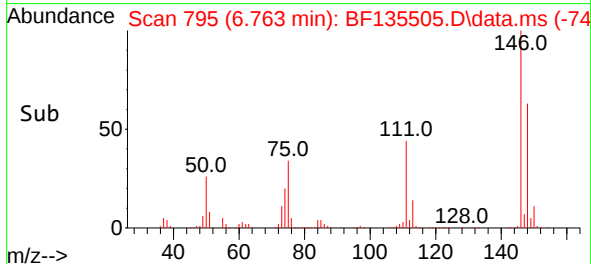
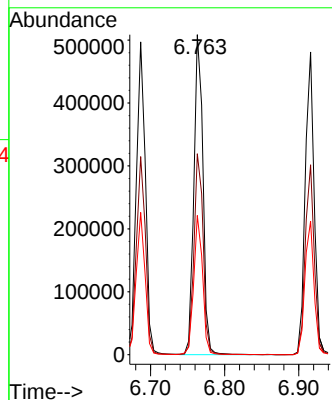
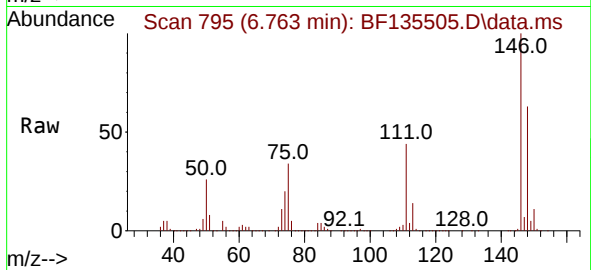




#13
 1,4-Dichlorobenzene
 Concen: 49.274 ng
 RT: 6.763 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: BF135505.D
 Acq: 28 Sep 2023 21:10

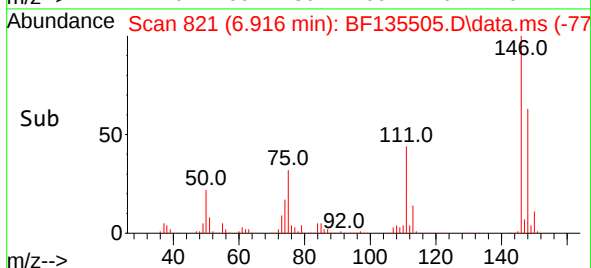
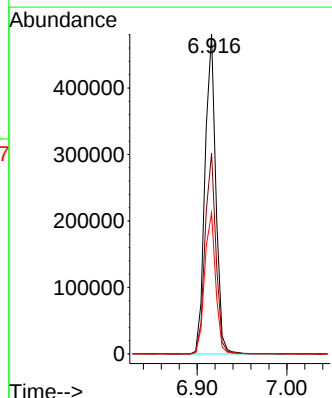
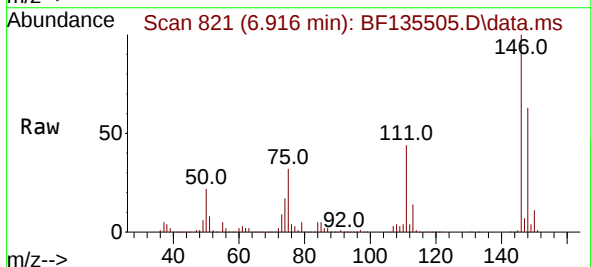
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MSD

Tgt Ion:146 Resp: 433359
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.3 76.9
 111 43.5 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 49.411 ng
 RT: 6.916 min Scan# 821
 Delta R.T. -0.000 min
 Lab File: BF135505.D
 Acq: 28 Sep 2023 21:10

Tgt Ion:146 Resp: 403562
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.7 74.5
 111 44.1 37.4 56.2

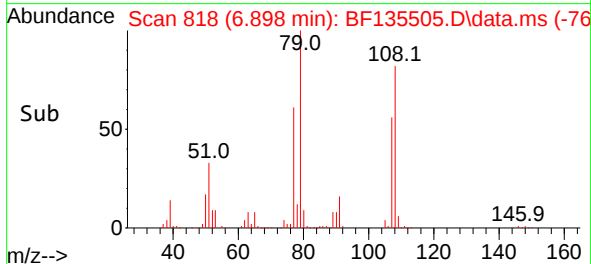
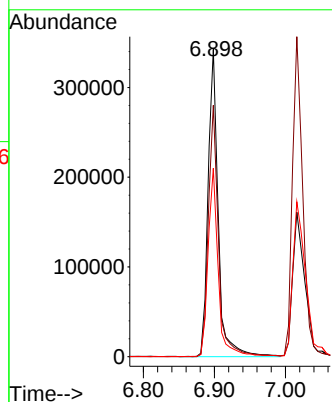
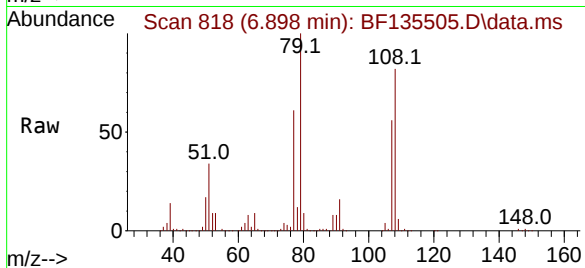




#15
Benzyl Alcohol
Concen: 46.831 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

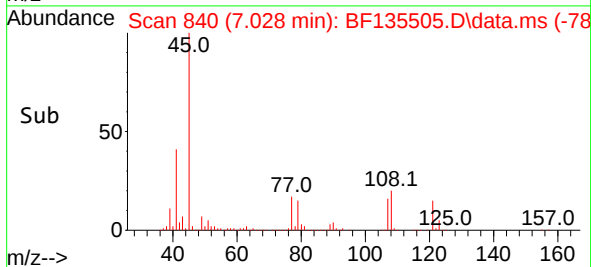
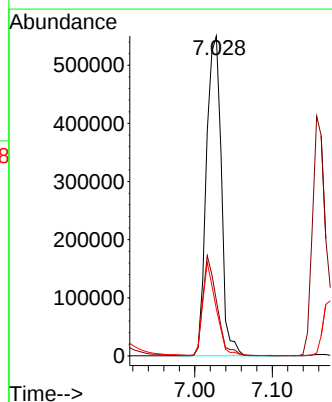
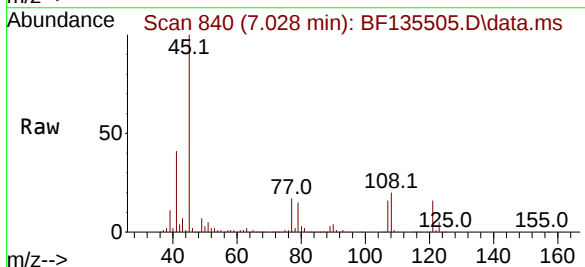
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

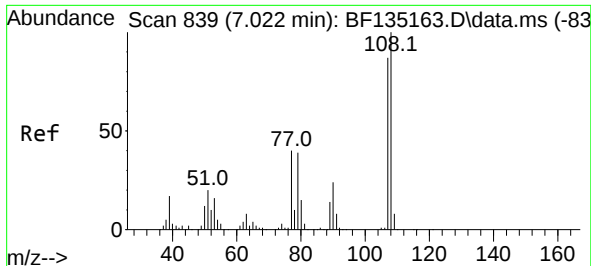
Tgt Ion: 79 Resp: 340479
Ion Ratio Lower Upper
79 100
108 81.8 61.2 91.8
77 61.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.658 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion: 45 Resp: 732913
Ion Ratio Lower Upper
45 100
77 17.4 0.0 30.6
79 14.7 0.0 28.3

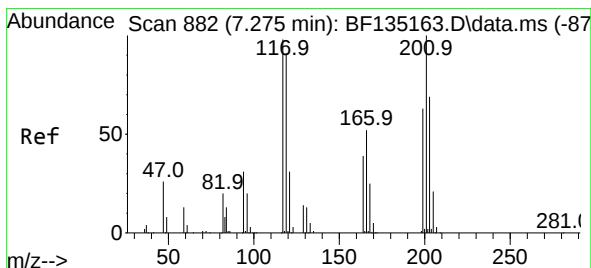
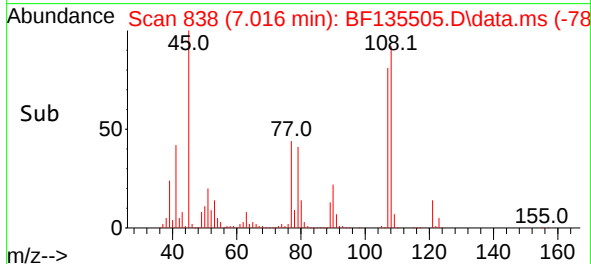
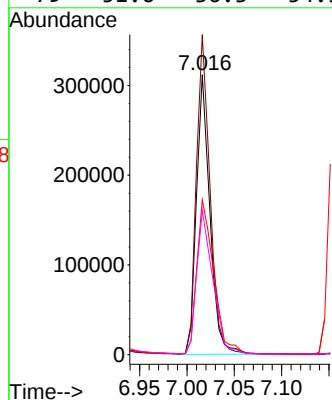
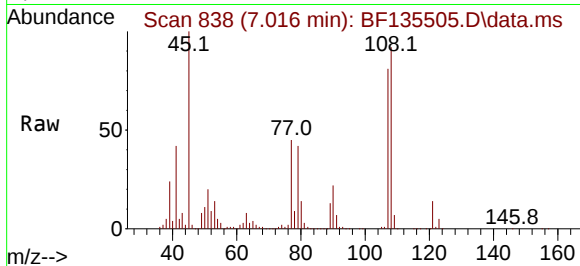




#17
2-Methylphenol
Concen: 41.240 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

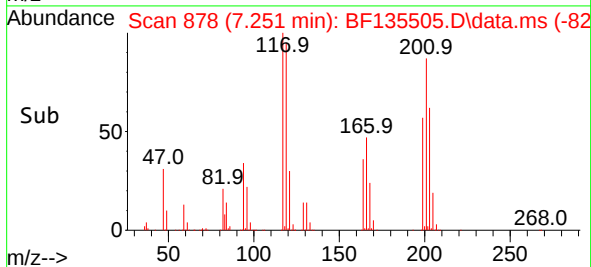
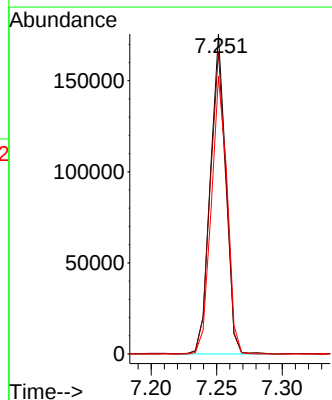
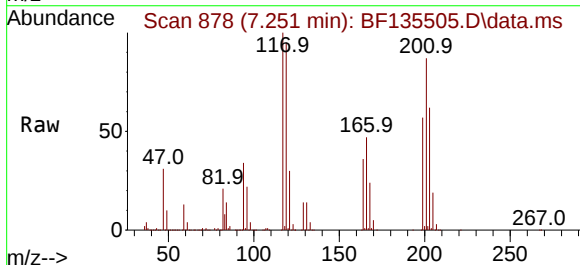
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Tgt Ion:107 Resp: 309551
Ion Ratio Lower Upper
107 100
108 114.3 92.0 138.0
77 55.3 36.7 55.1#
79 51.6 36.3 54.5



#18
Hexachloroethane
Concen: 44.631 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:117 Resp: 145034
Ion Ratio Lower Upper
117 100
119 94.6 74.7 112.1
201 86.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.799 ng

RT: 7.163 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF135505.D

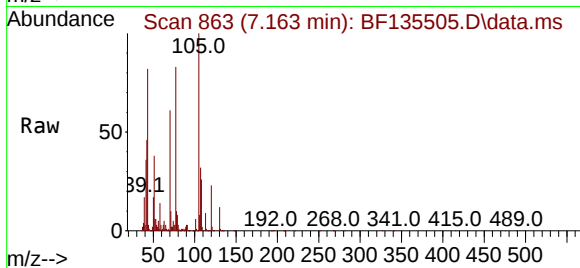
Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD



Tgt Ion: 70 Resp: 268591

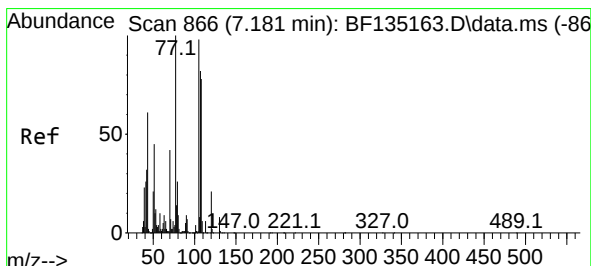
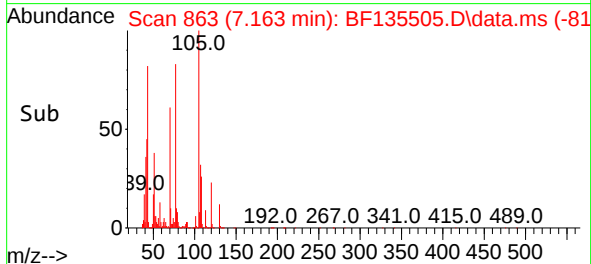
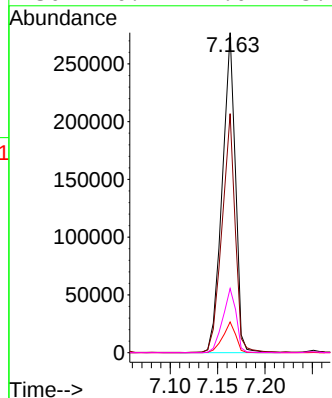
Ion Ratio Lower Upper

70 100

42 74.7 55.4 83.0

101 9.6 7.7 11.5

130 20.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 43.912 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Tgt Ion: 107 Resp: 396343

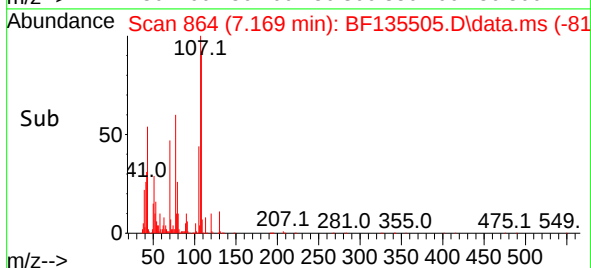
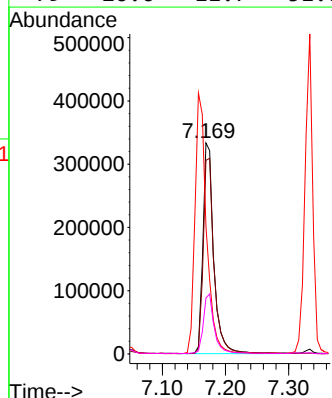
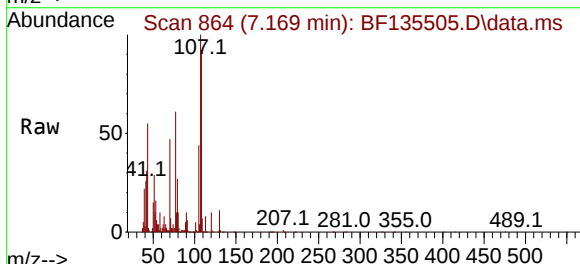
Ion Ratio Lower Upper

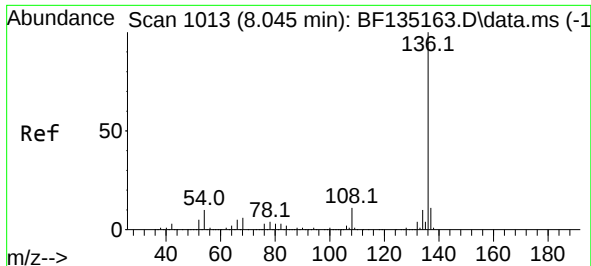
107 100

108 91.8 74.7 114.7

77 60.5 102.0 142.0#

79 26.6 11.7 51.7

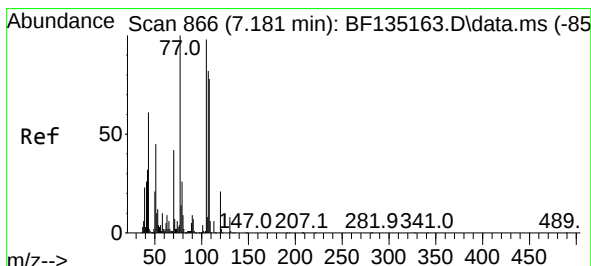
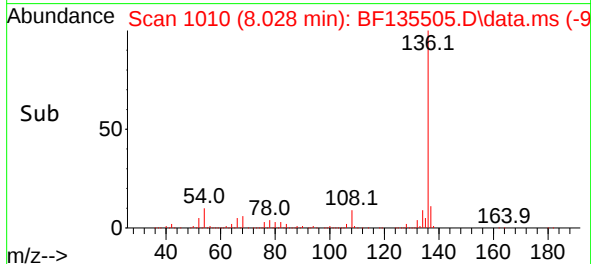
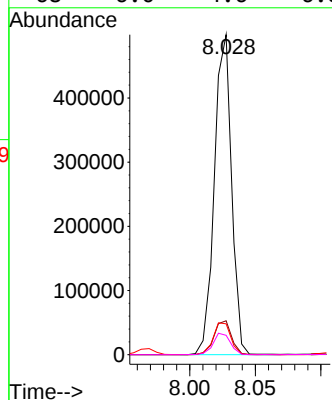
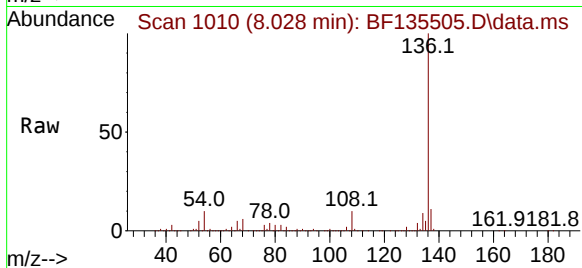




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

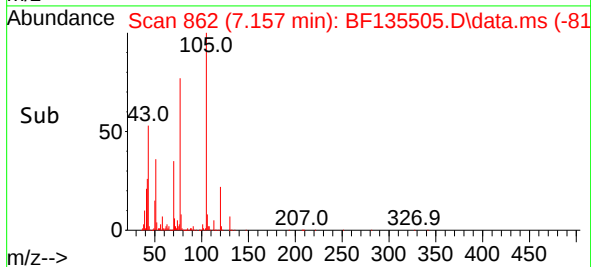
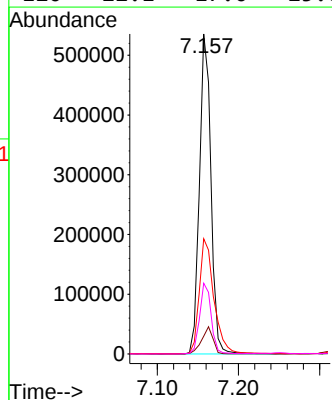
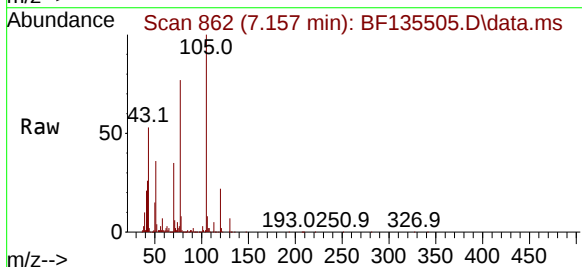
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Tgt Ion:	136	Resp:	454693
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.7	11.5
68	6.0	4.6	6.8



#22
Acetophenone
Concen: 50.889 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:	105	Resp:	529011
Ion	Ratio	Lower	Upper
105	100		
71	5.6	5.8	8.6#
51	36.0	37.0	55.4#
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 67.746 ng

RT: 7.316 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

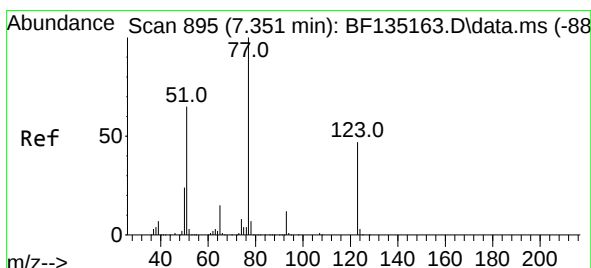
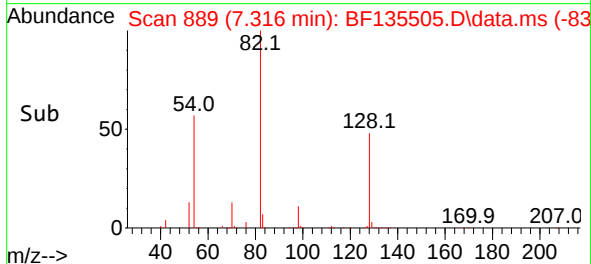
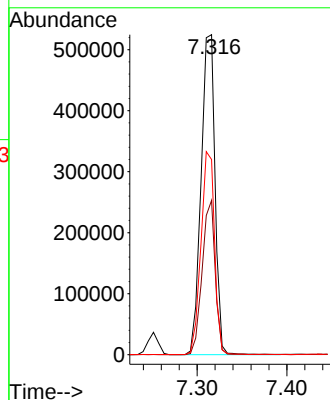
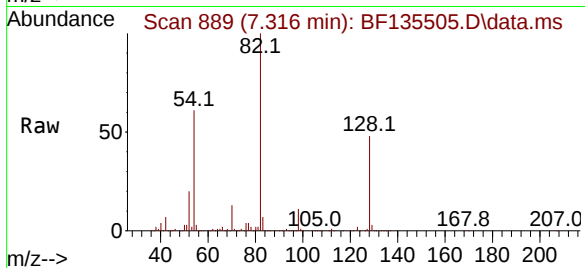
Tgt Ion: 82 Resp: 566982

Ion Ratio Lower Upper

82 100

128 48.2 35.8 53.6

54 61.0 50.6 76.0



#24

Nitrobenzene

Concen: 51.706 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

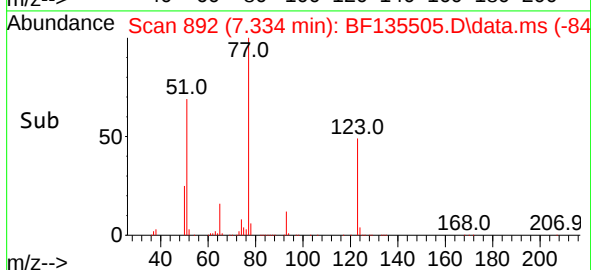
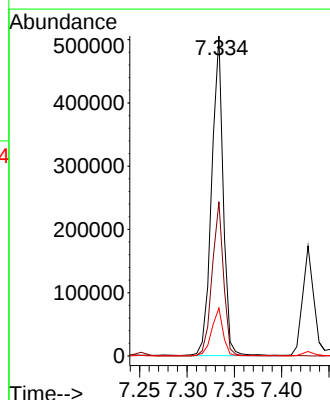
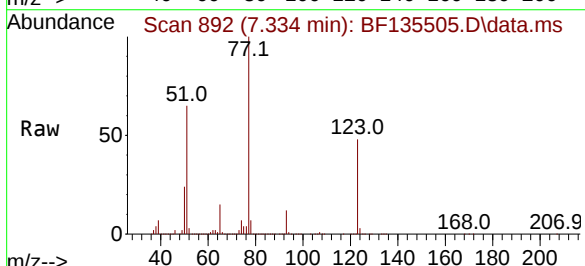
Tgt Ion: 77 Resp: 427720

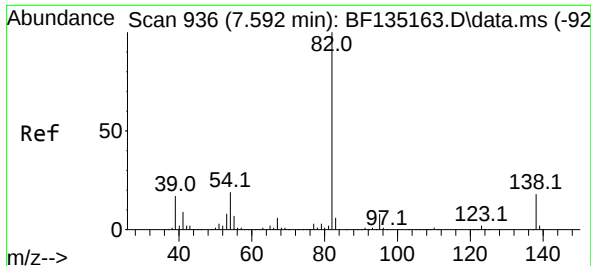
Ion Ratio Lower Upper

77 100

123 48.2 37.6 56.4

65 15.0 12.2 18.4

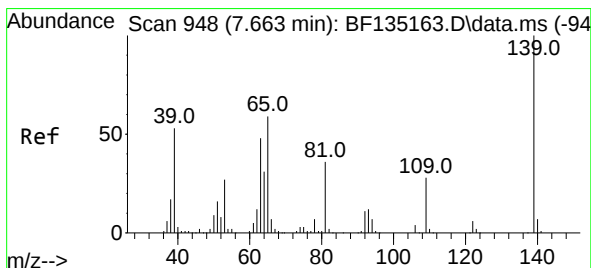
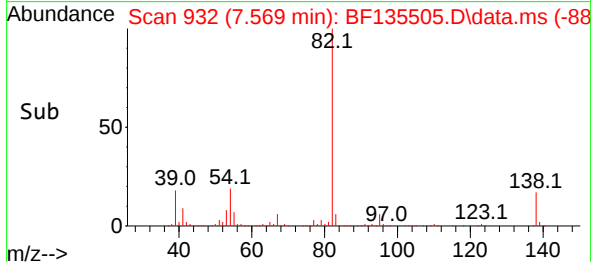
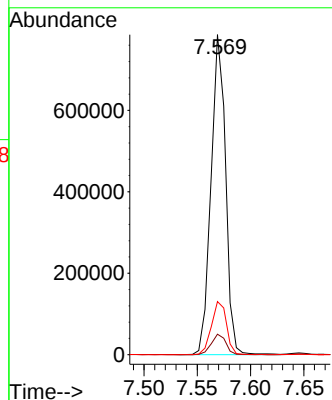
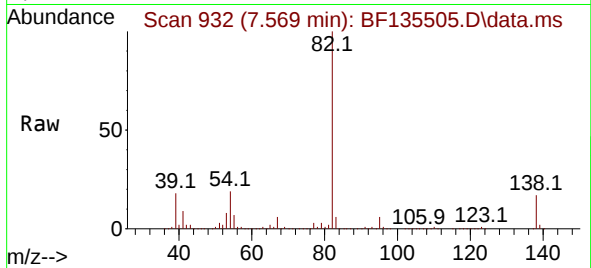




#25
Isophorone
Concen: 48.571 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

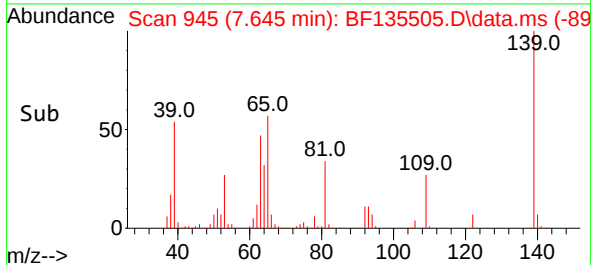
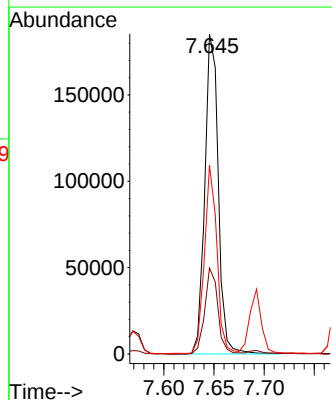
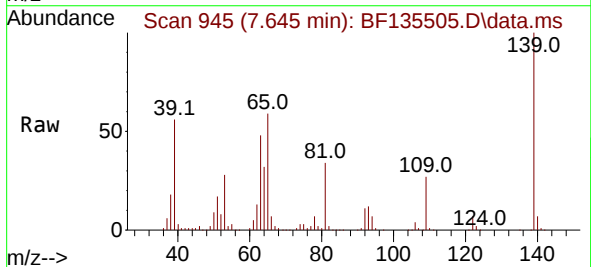
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Tgt Ion: 82 Resp: 746437
Ion Ratio Lower Upper
82 100
95 6.4 6.0 9.0
138 16.6 14.5 21.7



#26
2-Nitrophenol
Concen: 43.974 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:139 Resp: 174583
Ion Ratio Lower Upper
139 100
109 26.9 22.6 33.8
65 59.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.588 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

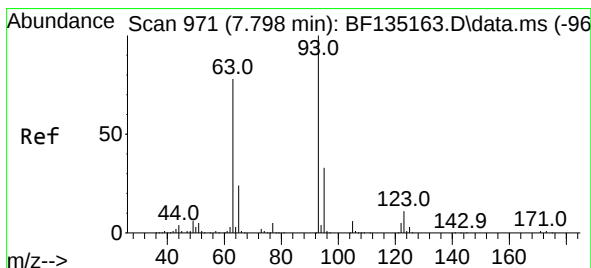
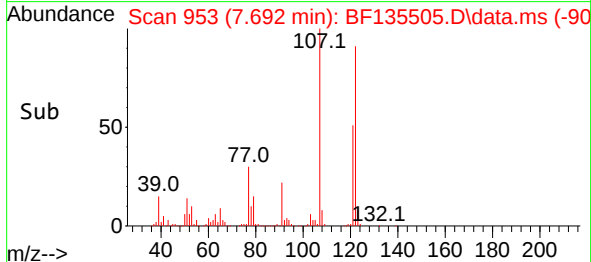
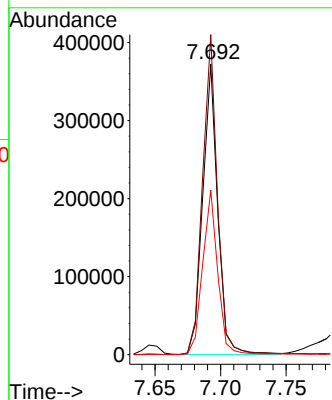
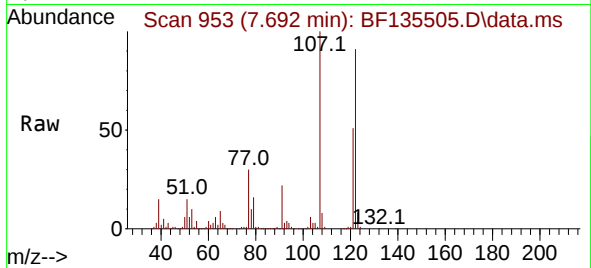
Tgt Ion:122 Resp: 297551

Ion Ratio Lower Upper

122 100

107 110.1 90.2 135.4

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 52.113 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

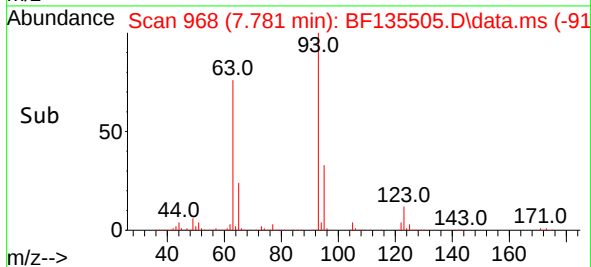
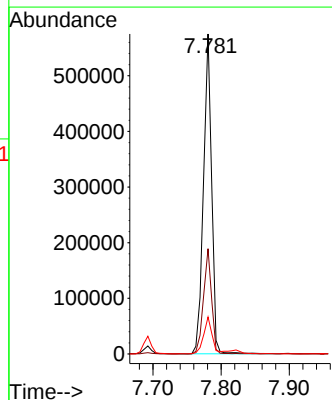
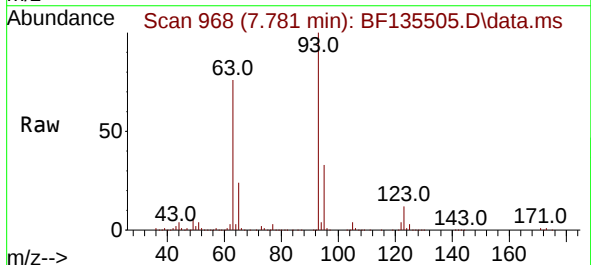
Tgt Ion: 93 Resp: 479352

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.121 ng

RT: 7.898 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

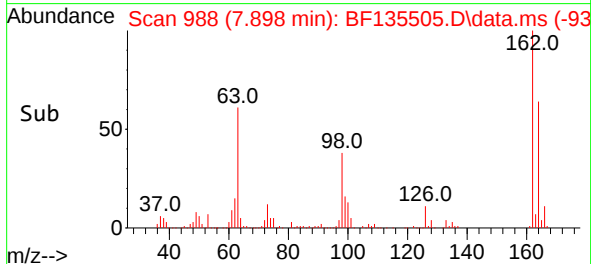
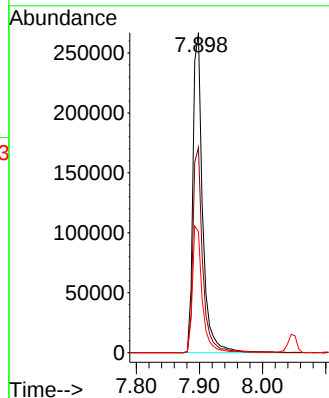
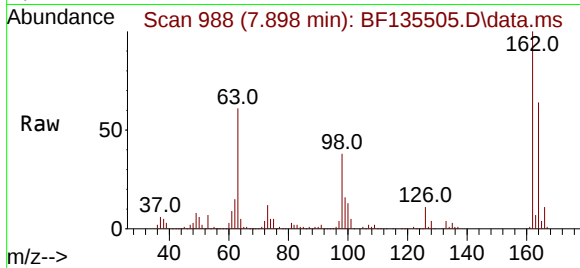
Tgt Ion:162 Resp: 285195

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

98 37.9 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.894 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

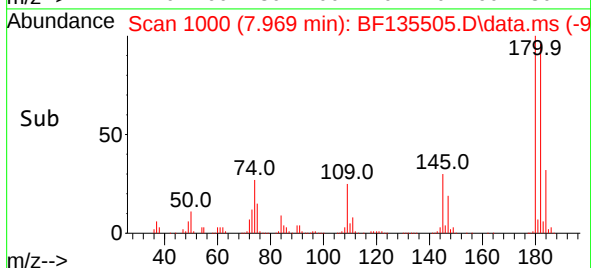
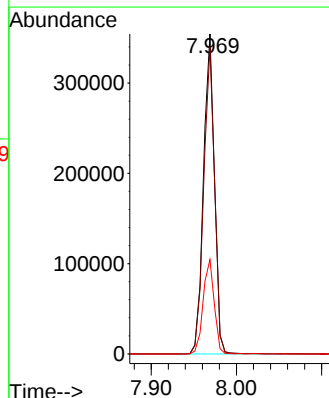
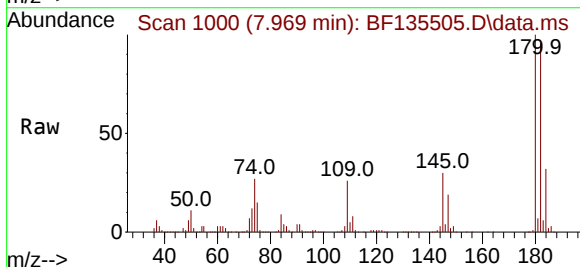
Tgt Ion:180 Resp: 316018

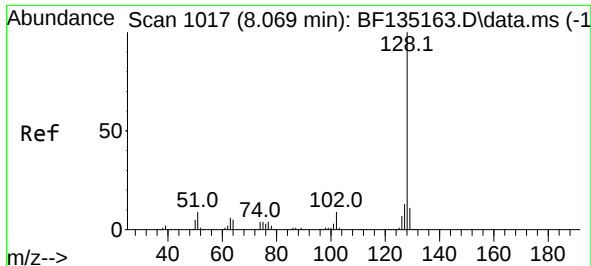
Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

145 29.5 24.5 36.7

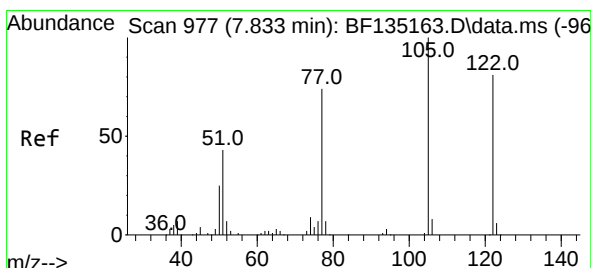
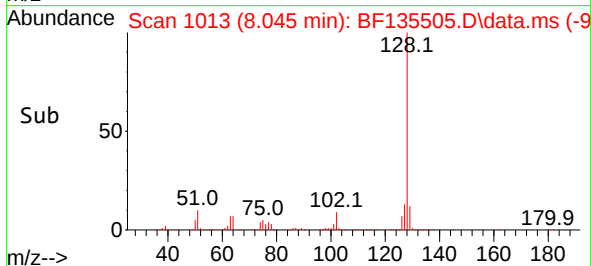
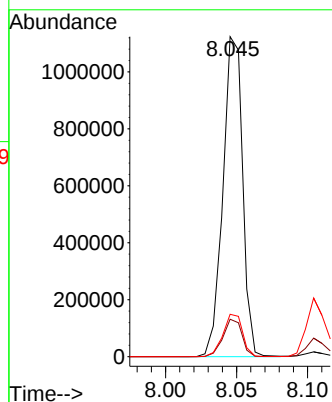
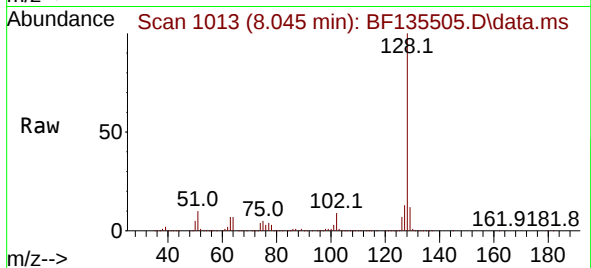




#31
Naphthalene
Concen: 49.035 ng
RT: 8.045 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

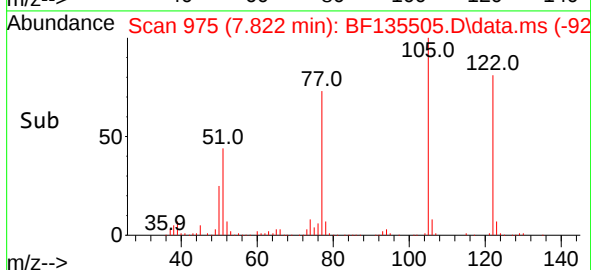
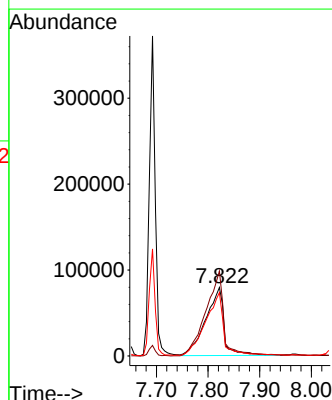
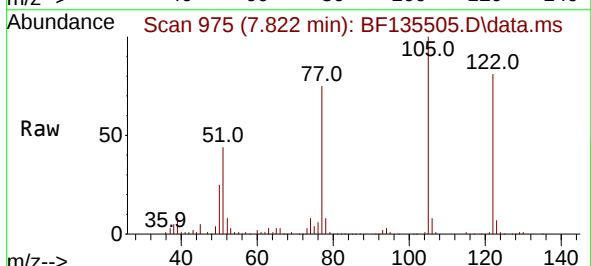
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

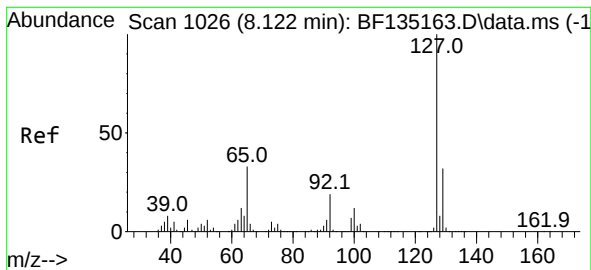
Tgt Ion:128 Resp: 1083281
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 39.136 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:122 Resp: 196662
Ion Ratio Lower Upper
122 100
105 123.8 99.9 139.9
77 92.4 70.0 110.0





#33

4-Chloroaniline

Concen: 23.128 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

Tgt Ion:127 Resp: 224177

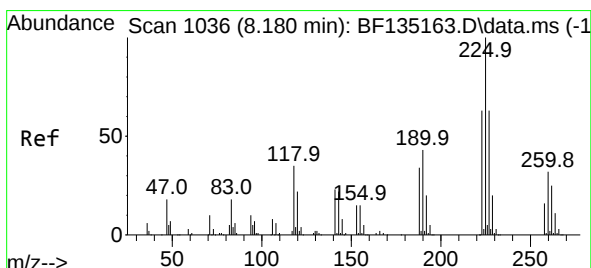
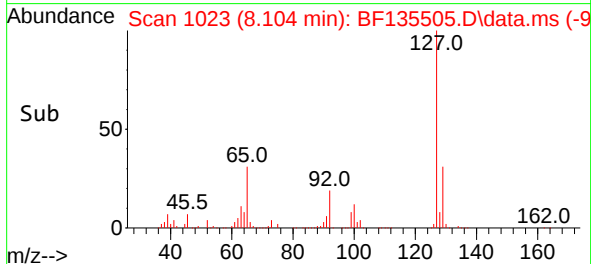
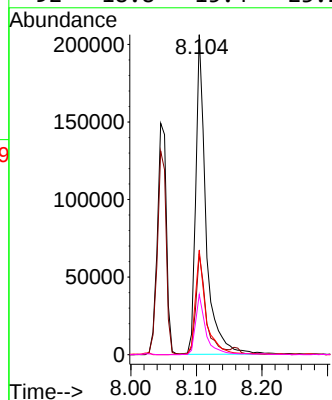
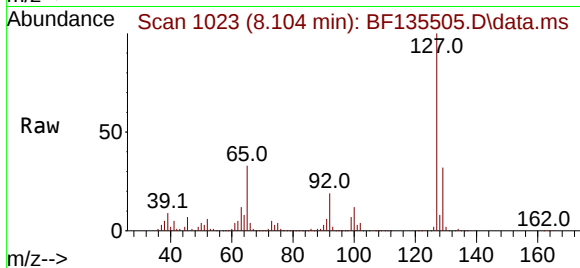
Ion Ratio Lower Upper

127 100

129 31.5 25.8 38.8

65 32.6 26.6 39.8

92 18.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 46.180 ng

RT: 8.163 min Scan# 1033

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

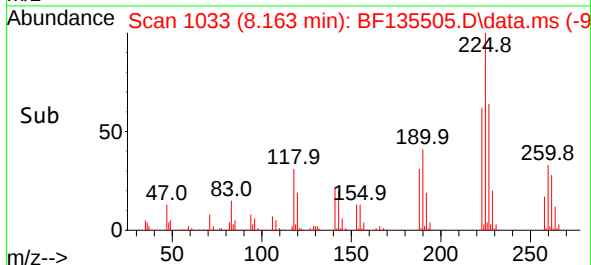
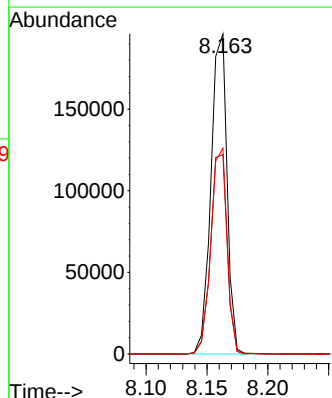
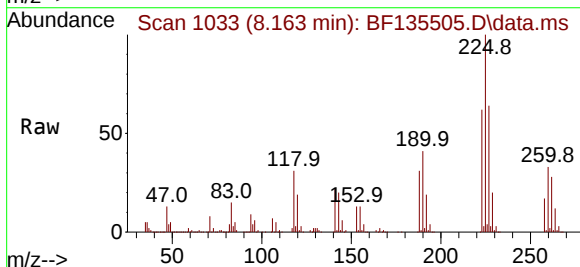
Tgt Ion:225 Resp: 179975

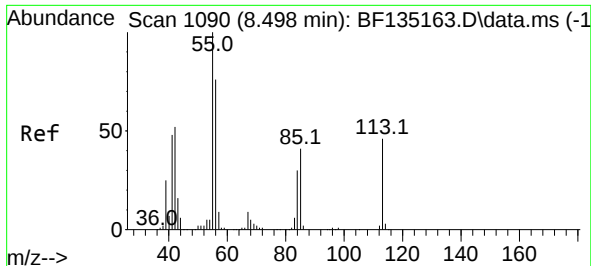
Ion Ratio Lower Upper

225 100

223 62.4 50.6 75.8

227 64.4 50.8 76.2

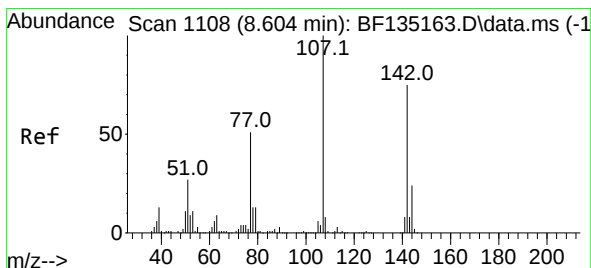
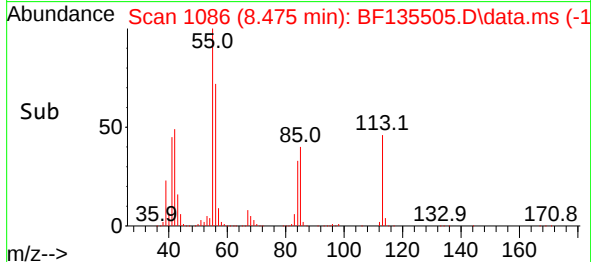
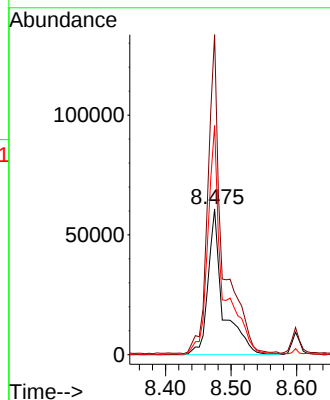
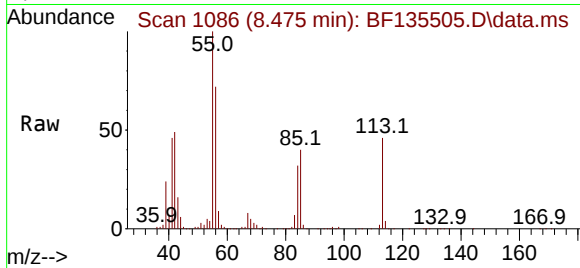




#35
 Caprolactam
 Concen: 47.060 ng
 RT: 8.475 min Scan# 1086
 Delta R.T. -0.006 min
 Lab File: BF135505.D
 Acq: 28 Sep 2023 21:10

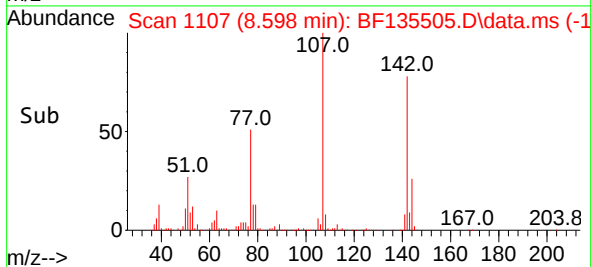
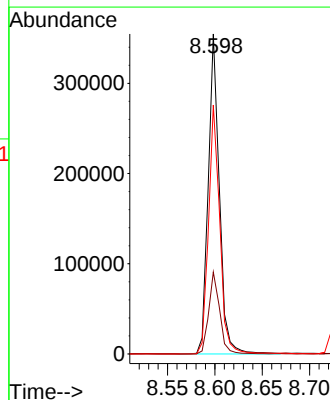
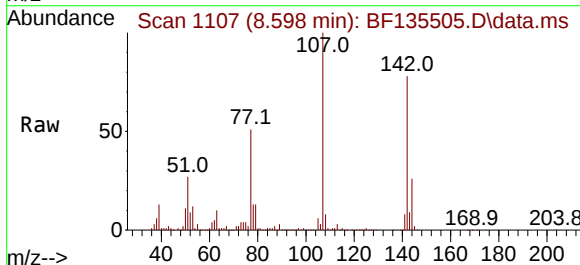
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MSD

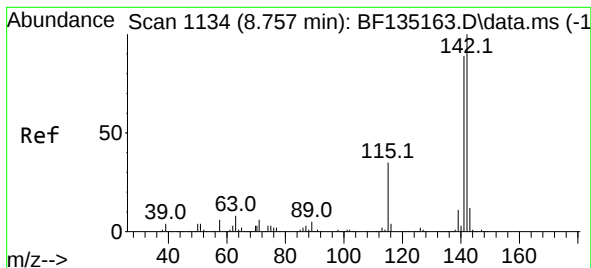
Tgt Ion:113 Resp: 97665
 Ion Ratio Lower Upper
 113 100
 55 219.5 199.3 239.3
 56 157.2 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.037 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135505.D
 Acq: 28 Sep 2023 21:10

Tgt Ion:107 Resp: 288907
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 77.8 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.664 ng

RT: 8.739 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

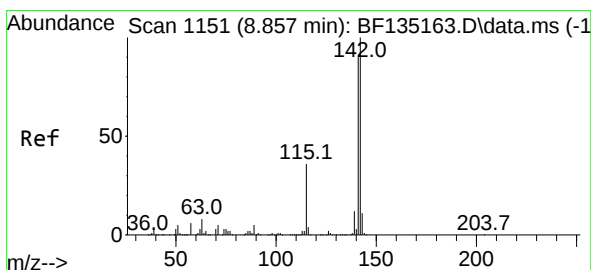
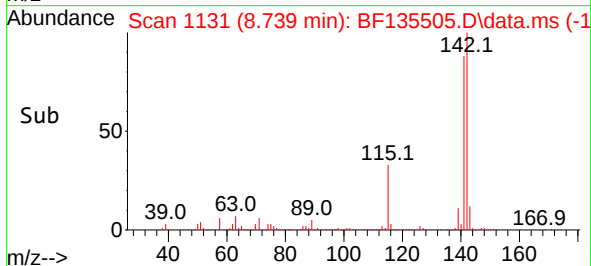
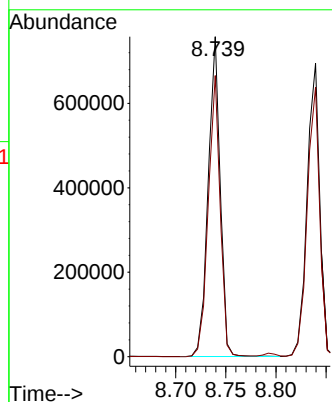
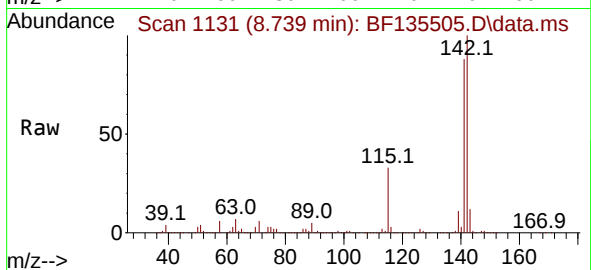
ETGI-287MSD

Tgt Ion:142 Resp: 633576

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.709 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135505.D

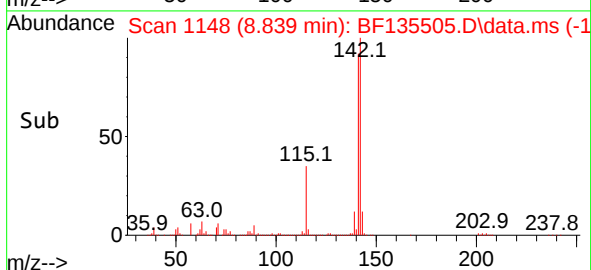
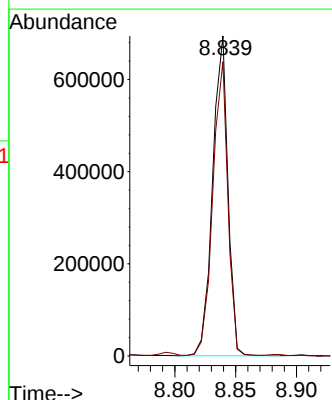
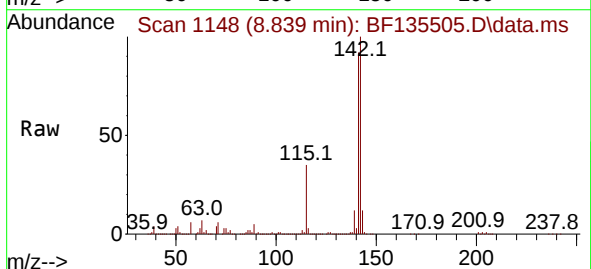
Acq: 28 Sep 2023 21:10

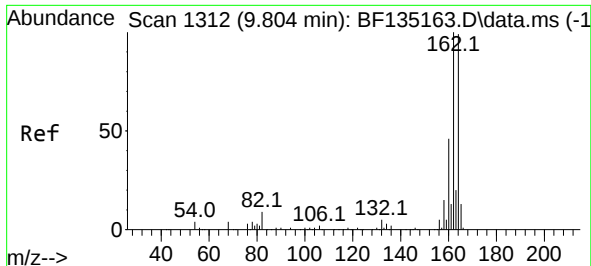
Tgt Ion:142 Resp: 607697

Ion Ratio Lower Upper

142 100

141 91.9 72.4 108.6

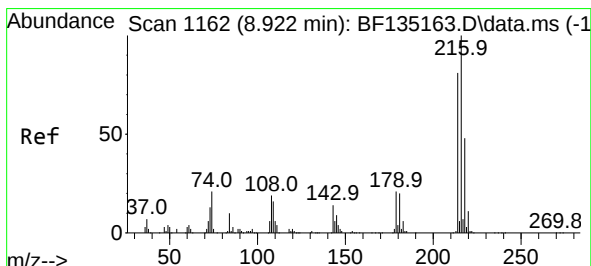
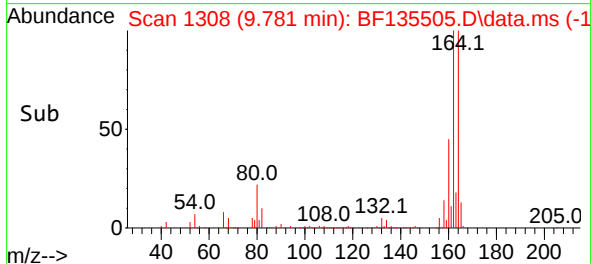
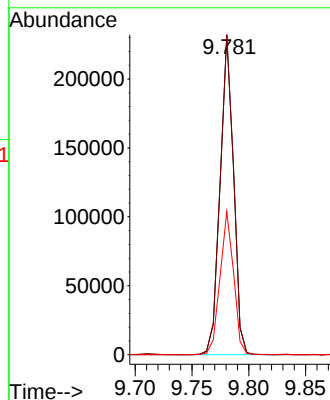
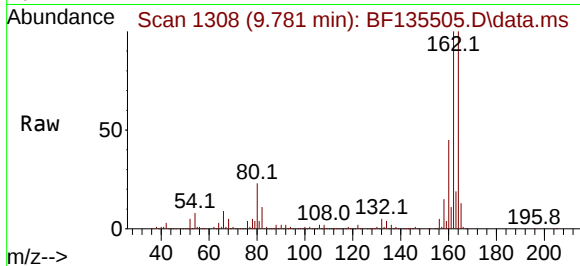




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

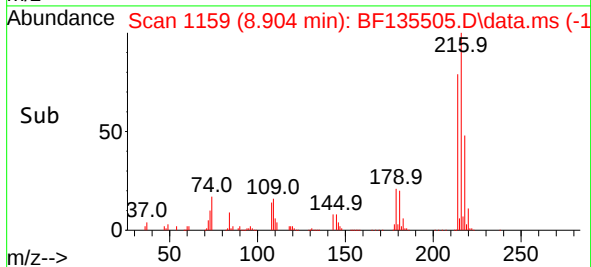
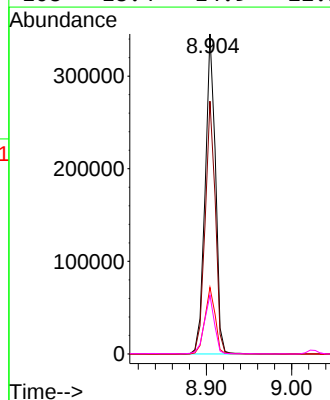
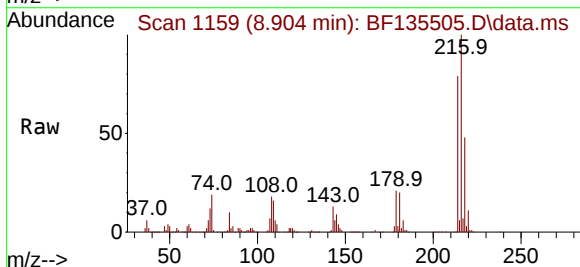
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

Tgt Ion:164 Resp: 190489
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.8 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.229 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:216 Resp: 288234
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 20.8 16.7 25.1
108 18.4 14.9 22.3

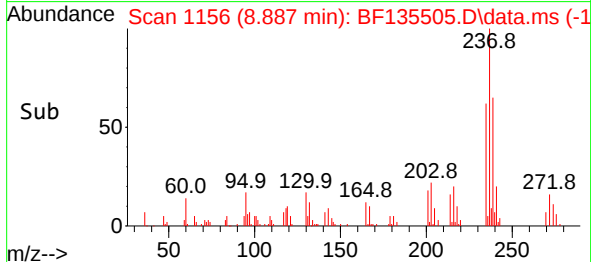
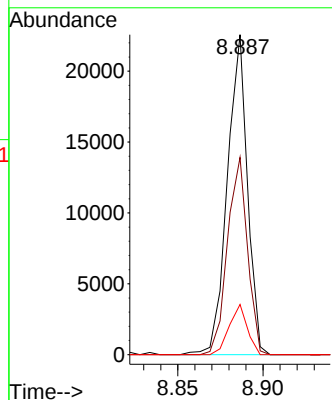
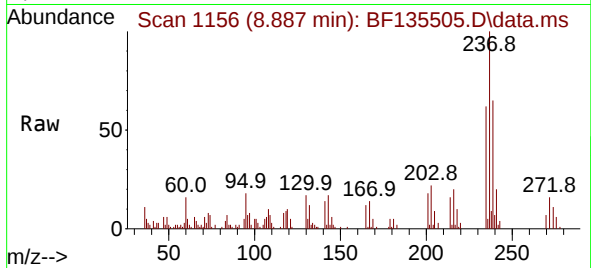




#41
Hexachlorocyclopentadiene
Concen: 14.297 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

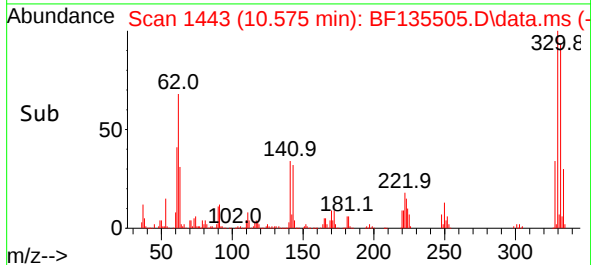
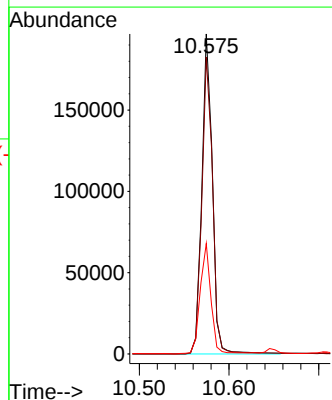
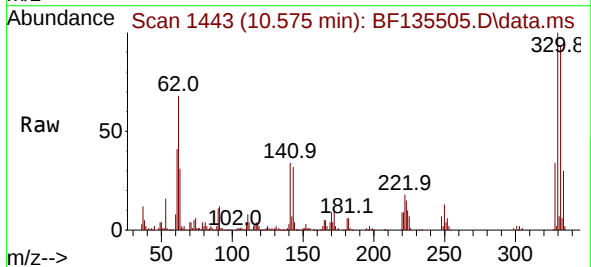
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

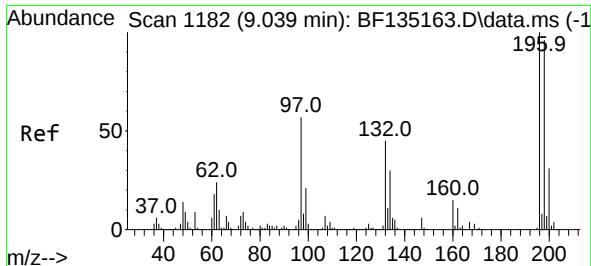
Tgt Ion:237 Resp: 18519
Ion Ratio Lower Upper
237 100
235 61.7 41.8 81.8
272 15.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 84.712 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:330 Resp: 160359
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 35.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.930 ng

RT: 9.028 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

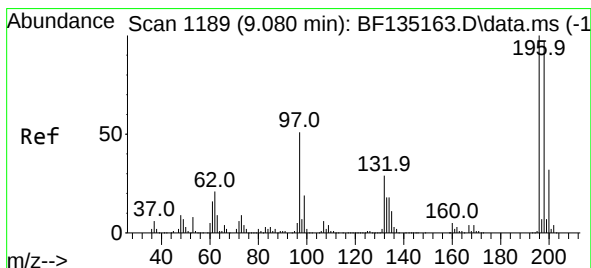
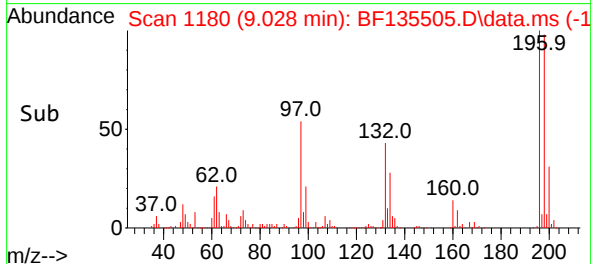
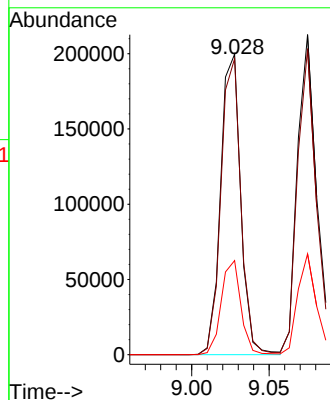
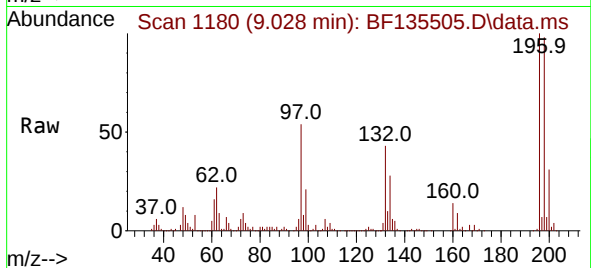
Tgt Ion:196 Resp: 180410

Ion Ratio Lower Upper

196 100

198 98.5 77.0 115.6

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.398 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Tgt Ion:196 Resp: 188904

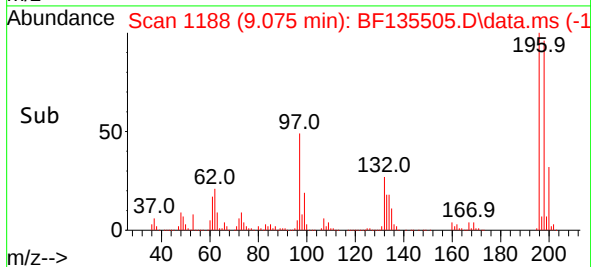
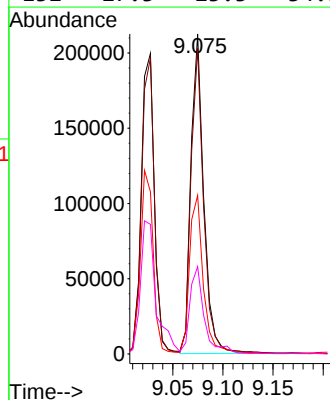
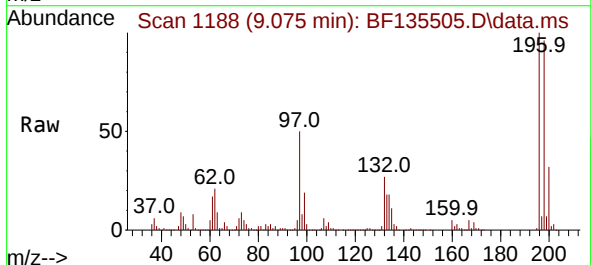
Ion Ratio Lower Upper

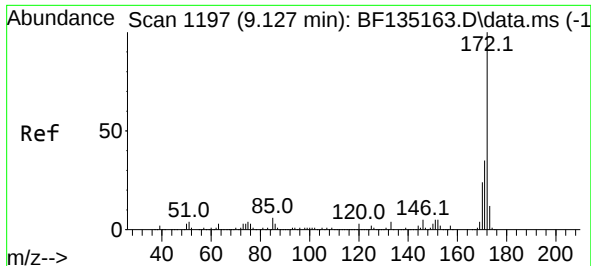
196 100

198 95.6 77.5 116.3

97 49.5 40.5 60.7

132 27.3 23.3 34.9

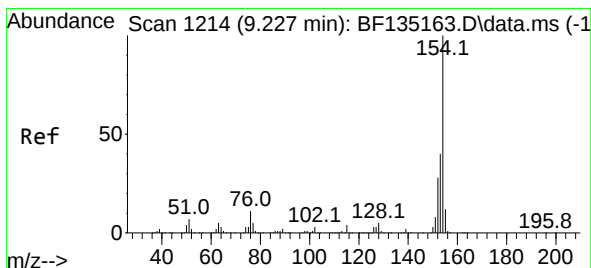
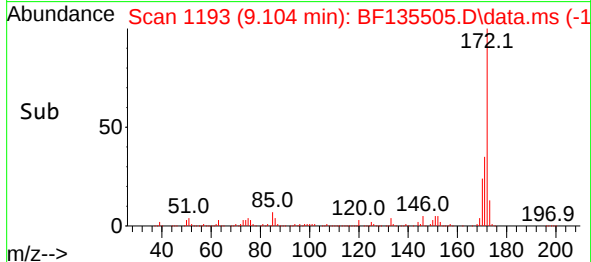
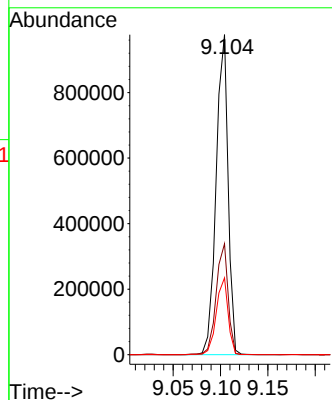
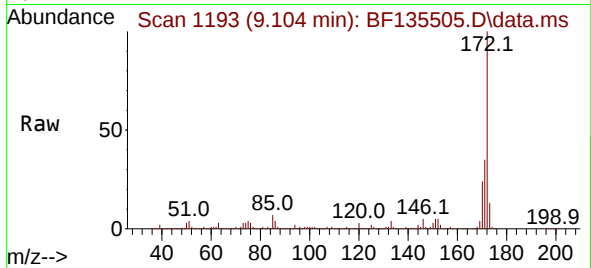




#45
2-Fluorobiphenyl
Concen: 67.719 ng
RT: 9.104 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

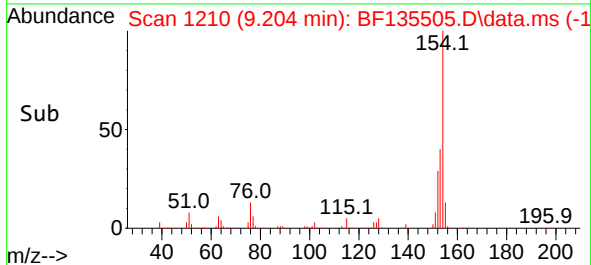
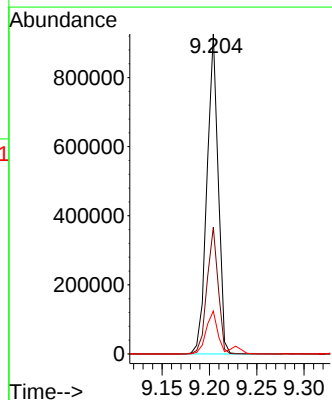
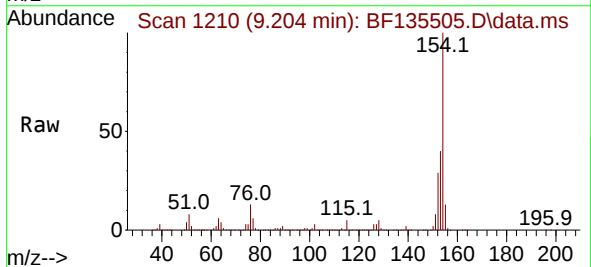
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

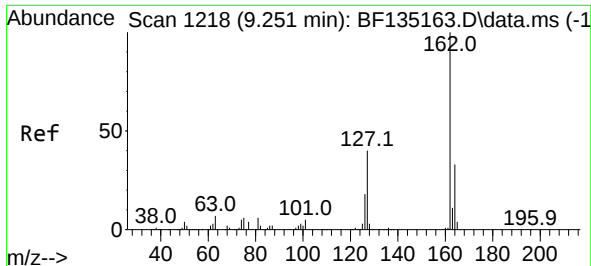
Tgt Ion:172 Resp: 855006
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 52.078 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:154 Resp: 762355
Ion Ratio Lower Upper
154 100
153 39.6 19.6 59.6
76 13.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.613 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

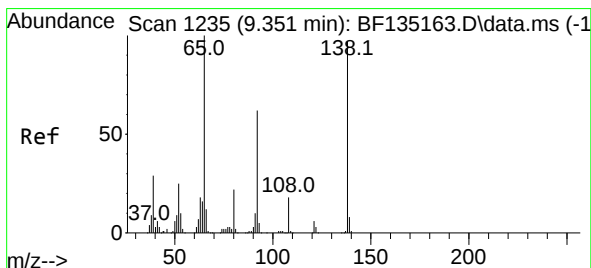
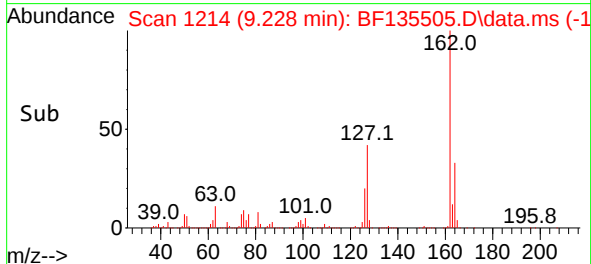
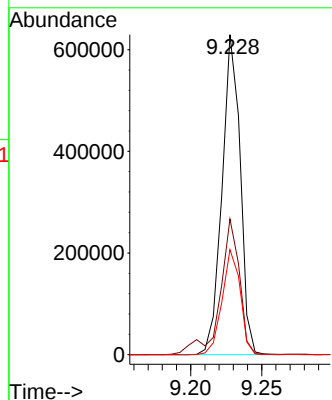
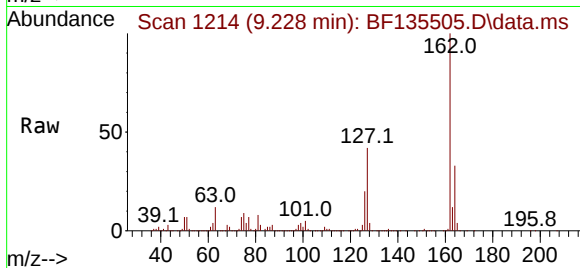
Tgt Ion:162 Resp: 558813

Ion Ratio Lower Upper

162 100

127 42.4 32.6 48.8

164 32.8 26.2 39.2



#48

2-Nitroaniline

Concen: 52.436 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

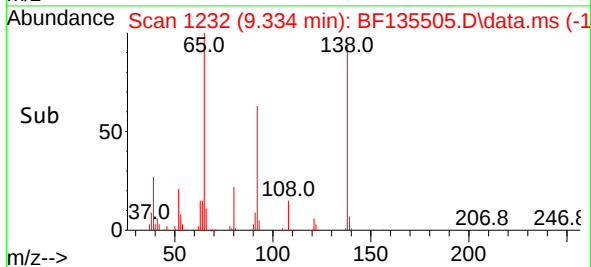
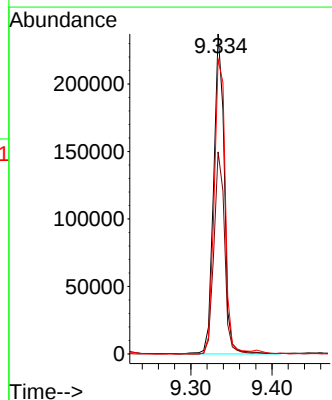
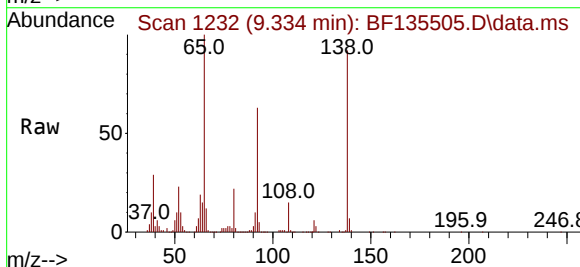
Tgt Ion: 65 Resp: 216368

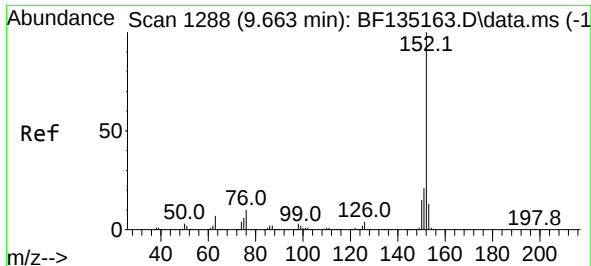
Ion Ratio Lower Upper

65 100

92 63.1 49.4 74.0

138 92.0 77.4 116.0





#49

Acenaphthylene

Concen: 51.876 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

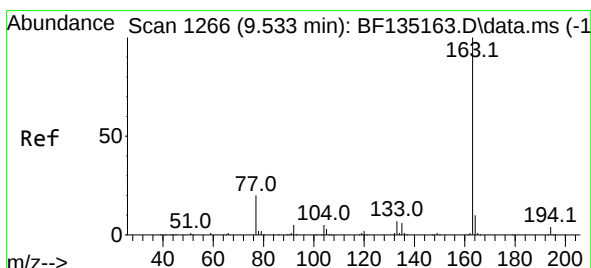
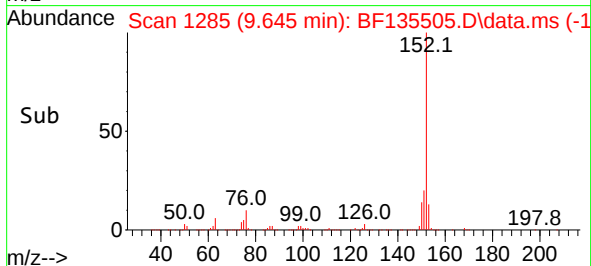
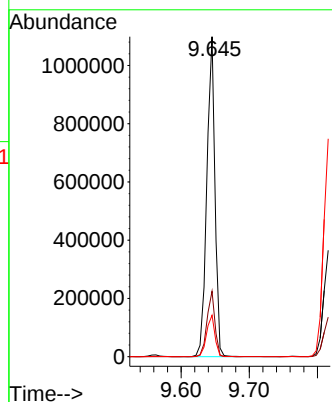
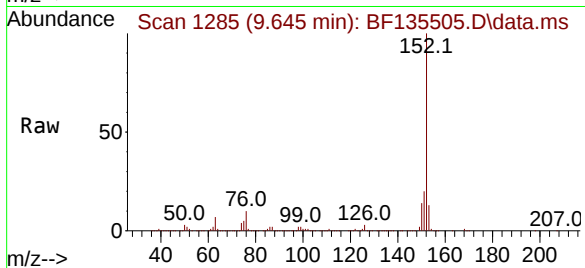
Tgt Ion:152 Resp: 915699

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 49.730 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

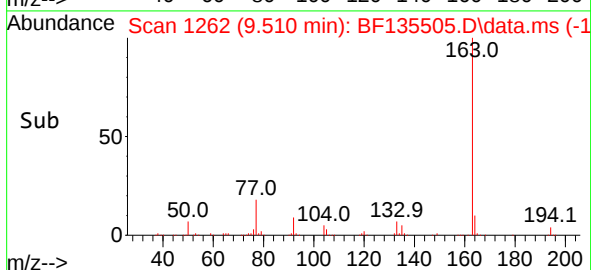
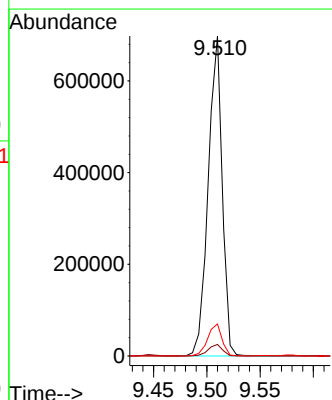
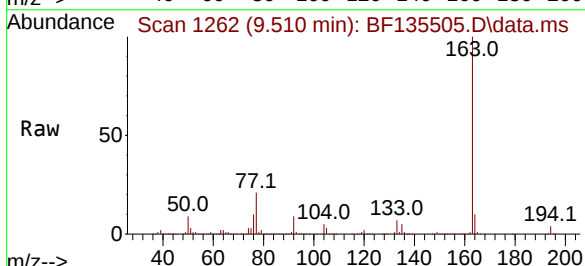
Tgt Ion:163 Resp: 640471

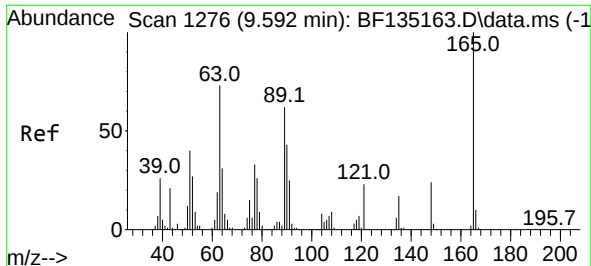
Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

164 10.0 8.1 12.1

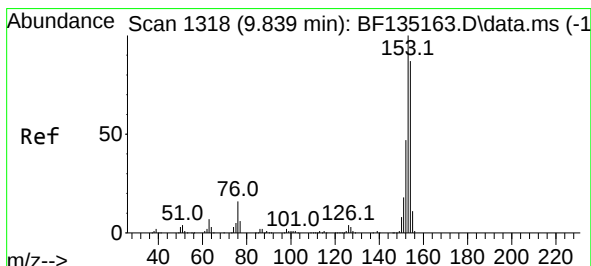
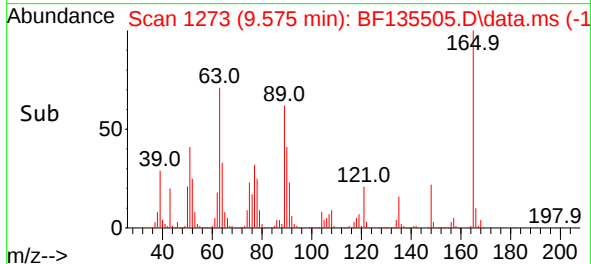
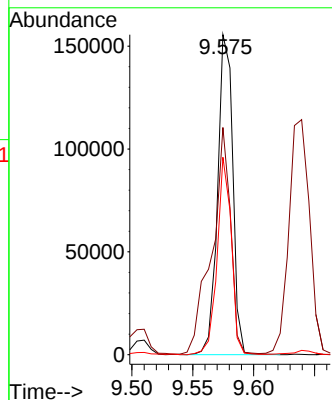
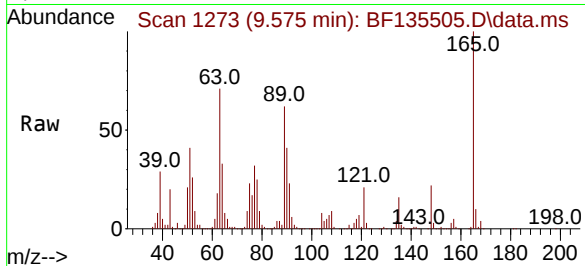




#51
2,6-Dinitrotoluene
Concen: 47.846 ng
RT: 9.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

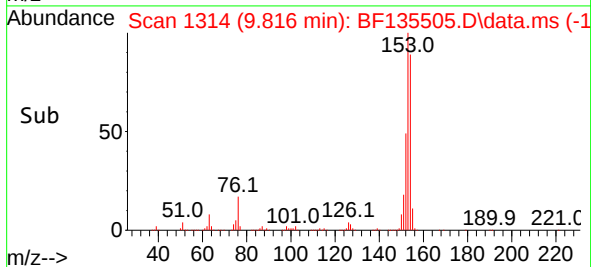
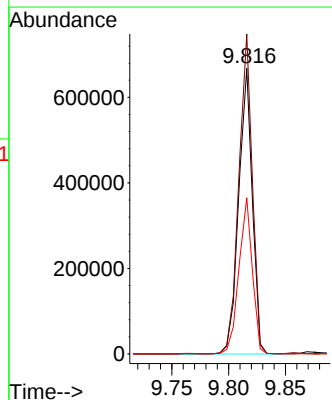
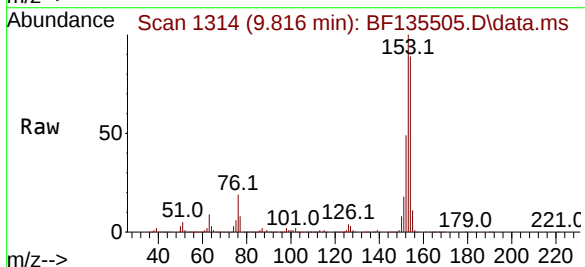
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

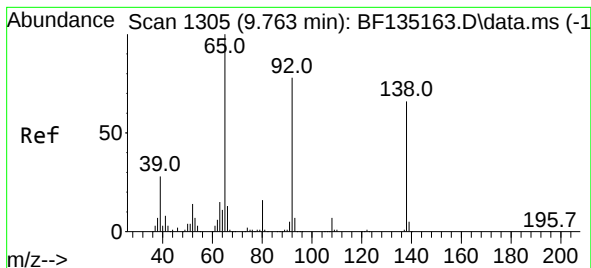
Tgt Ion:165 Resp: 134992
Ion Ratio Lower Upper
165 100
63 71.0 59.4 89.2
89 61.7 49.8 74.8



#52
Acenaphthene
Concen: 53.155 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:154 Resp: 554291
Ion Ratio Lower Upper
154 100
153 112.0 92.1 138.1
152 54.7 43.1 64.7





#53

3-Nitroaniline

Concen: 43.216 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

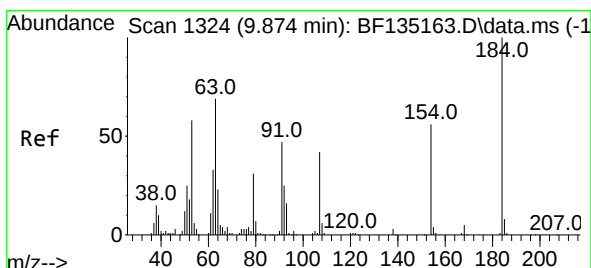
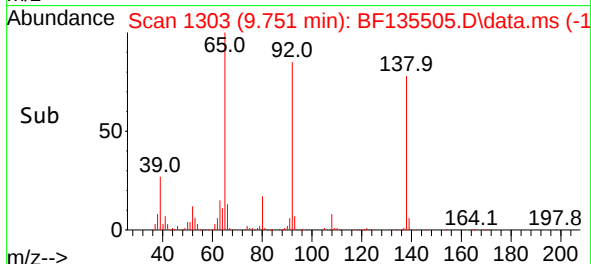
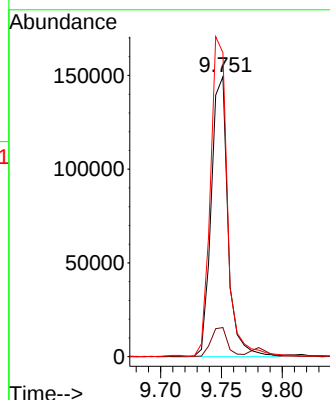
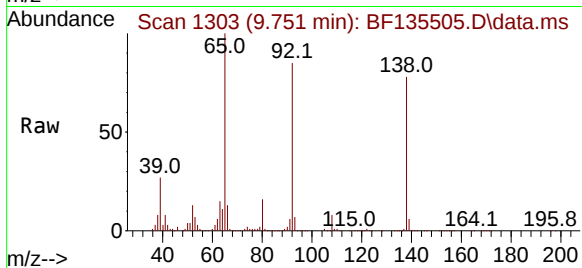
Tgt Ion:138 Resp: 143122

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

92 108.6 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 12.789 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

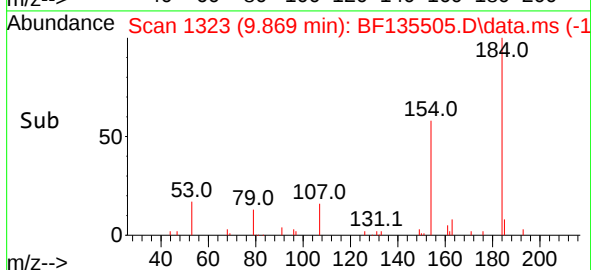
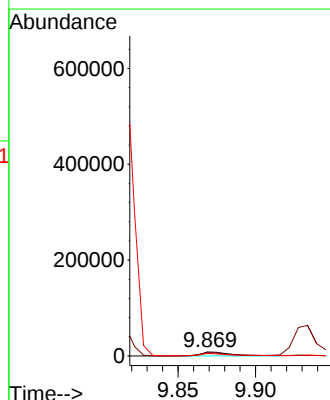
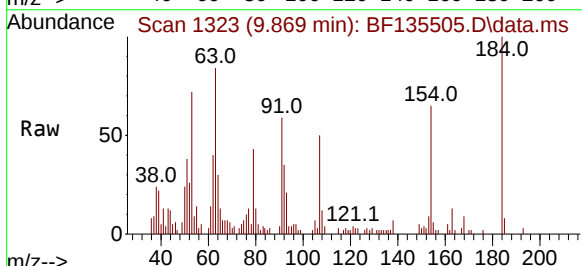
Tgt Ion:184 Resp: 11364

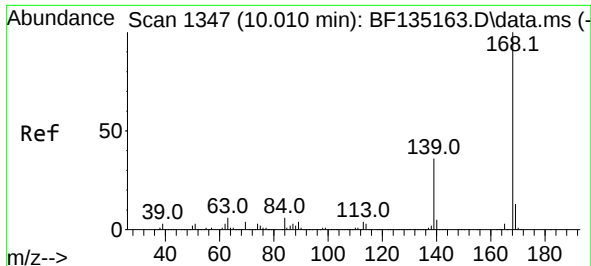
Ion Ratio Lower Upper

184 100

63 84.2 55.1 82.7#

154 64.6 48.4 72.6

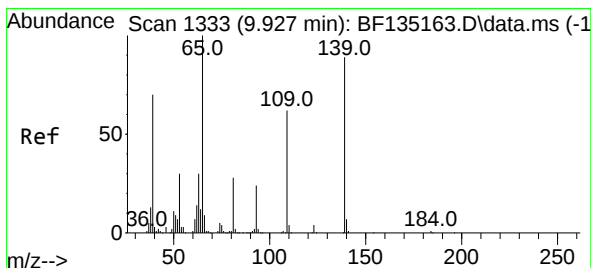
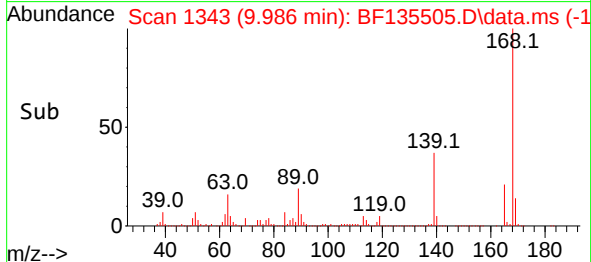
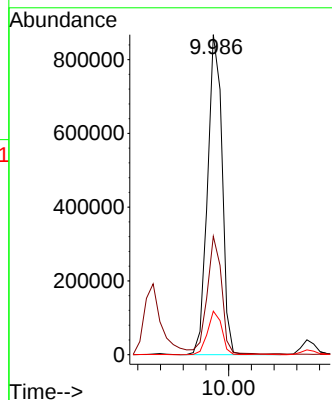
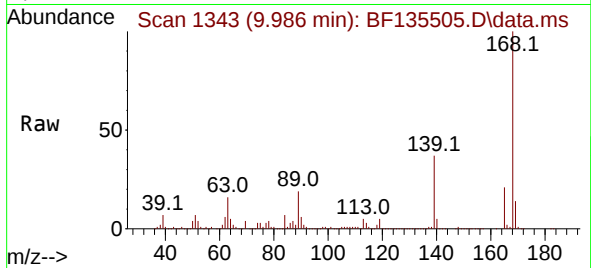




#55
Dibenzenofuran
Concen: 48.245 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

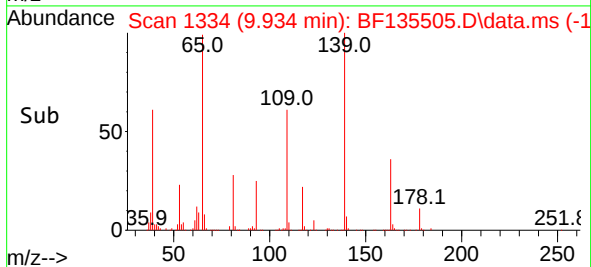
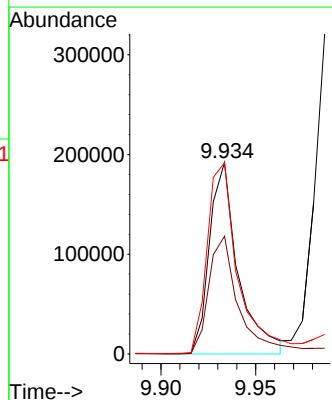
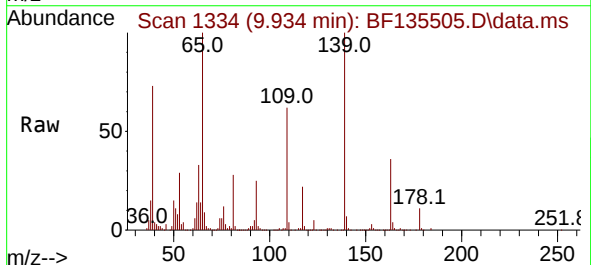
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

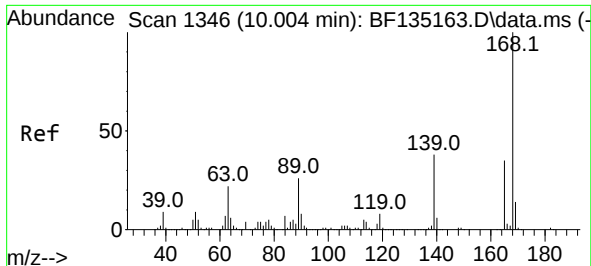
Tgt Ion:168 Resp: 767704
Ion Ratio Lower Upper
168 100
139 37.0 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 96.317 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:139 Resp: 202731
Ion Ratio Lower Upper
139 100
109 61.5 49.8 89.8
65 99.9 92.7 132.7

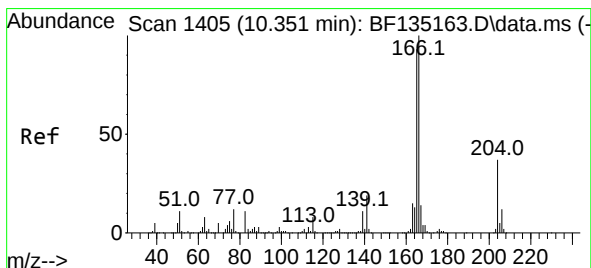
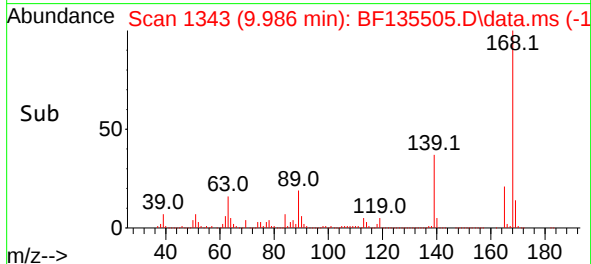
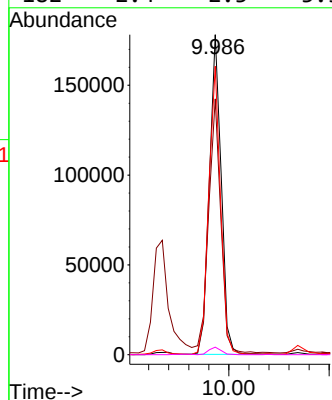
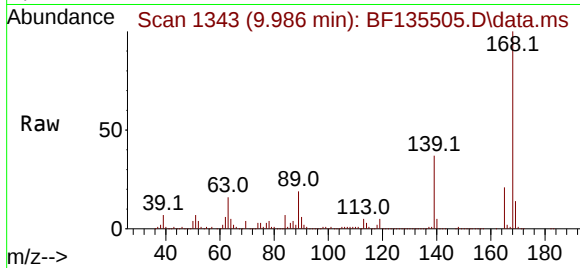




#57
2,4-Dinitrotoluene
Concen: 41.757 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

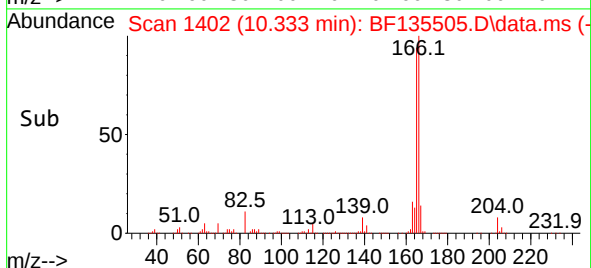
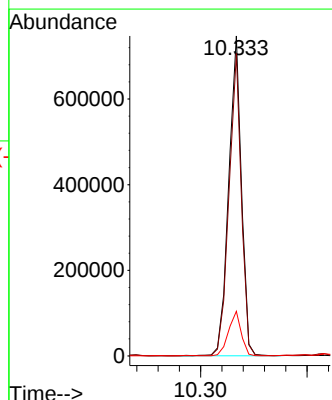
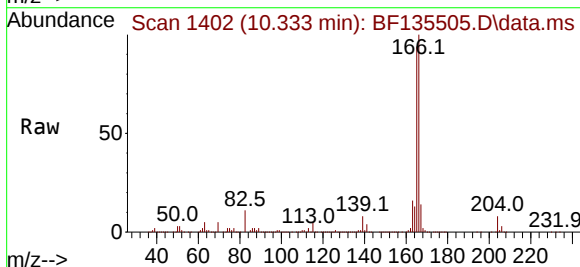
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

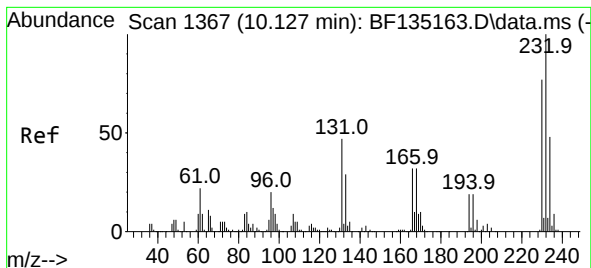
Tgt Ion:165 Resp: 147489
Ion Ratio Lower Upper
165 100
63 80.0 50.1 75.1#
89 90.1 59.3 88.9#
182 2.4 2.3 3.5



#58
Fluorene
Concen: 50.357 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:166 Resp: 616016
Ion Ratio Lower Upper
166 100
165 94.5 74.3 111.5
167 14.0 10.9 16.3

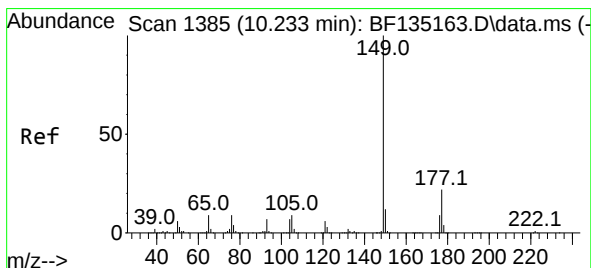
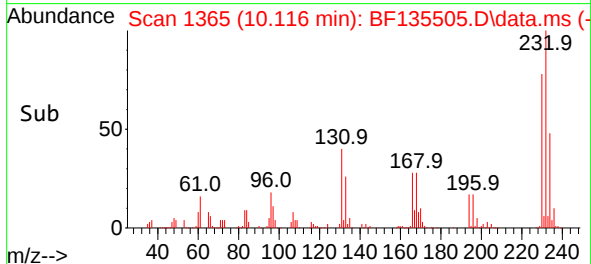
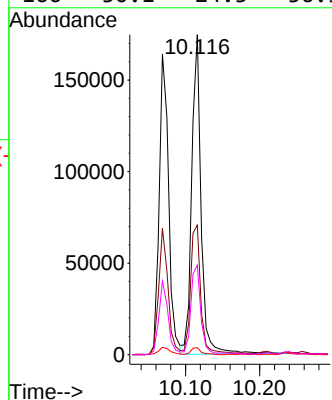
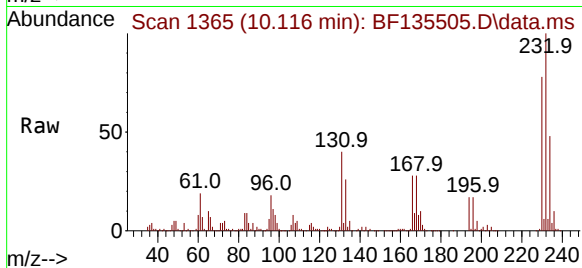




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.089 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

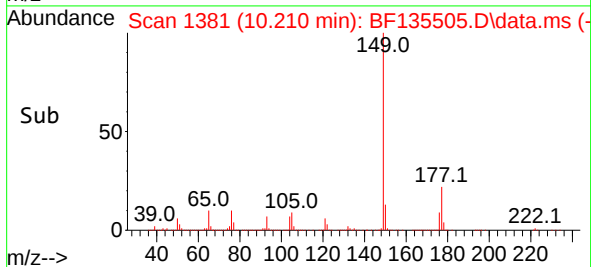
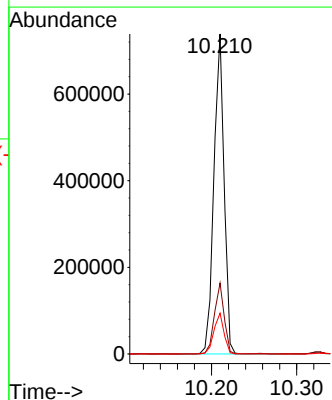
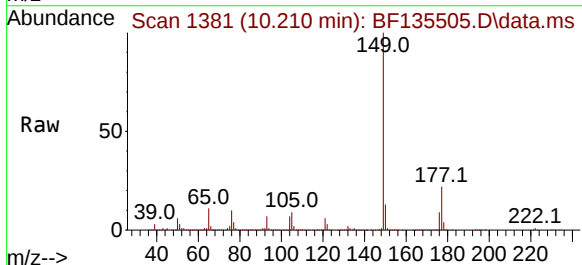
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

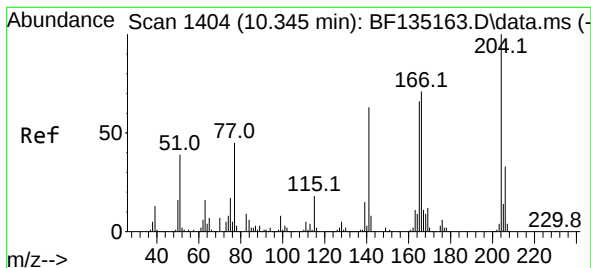
Tgt Ion:232 Resp: 153927
Ion Ratio Lower Upper
232 100
131 43.5 35.4 53.2
130 2.4 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 47.560 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:149 Resp: 614726
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.8 10.0 15.0

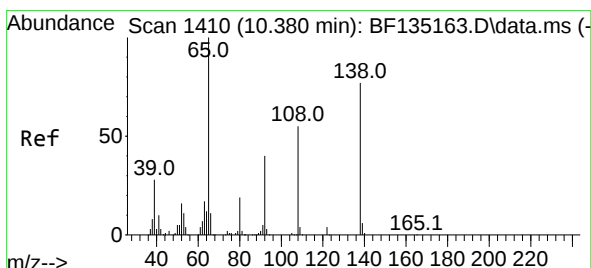
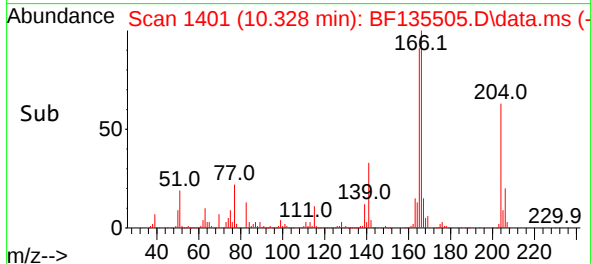
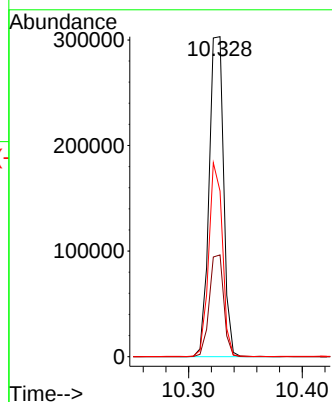
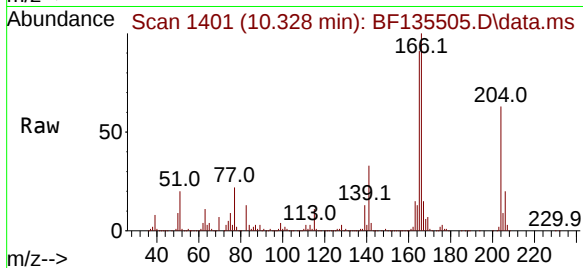




#61
4-Chlorophenyl-phenylether
Concen: 45.690 ng
RT: 10.328 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

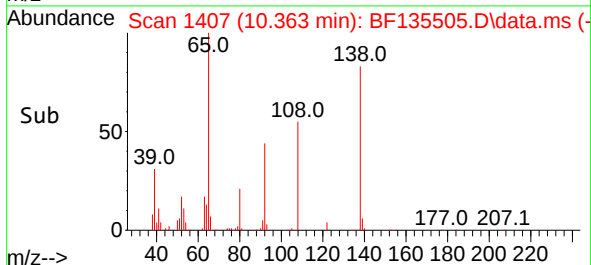
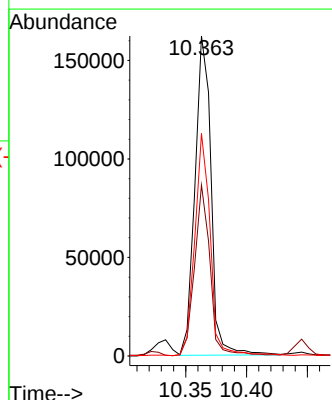
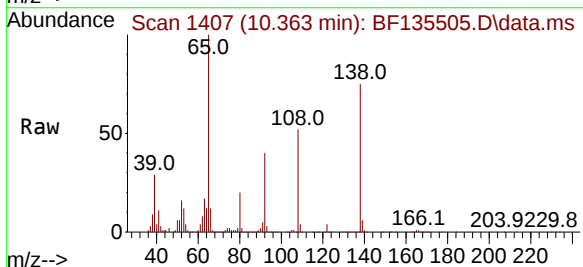
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

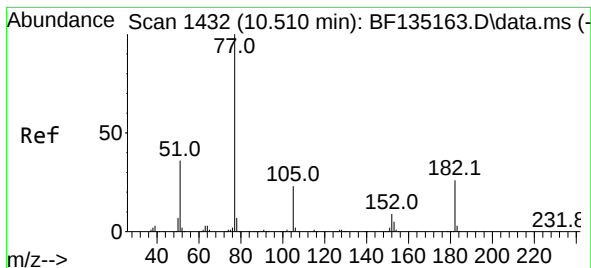
Tgt Ion:204 Resp: 268491
Ion Ratio Lower Upper
204 100
206 31.8 26.7 40.1
141 51.7 50.6 75.8



#62
4-Nitroaniline
Concen: 46.890 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:138 Resp: 149271
Ion Ratio Lower Upper
138 100
92 53.4 31.8 71.8
108 69.5 52.0 92.0





#63

Azobenzene

Concen: 47.624 ng

RT: 10.486 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

Tgt Ion: 77 Resp: 602441

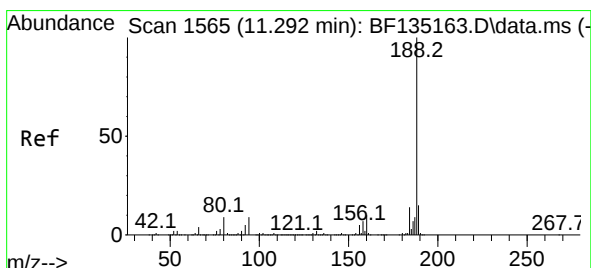
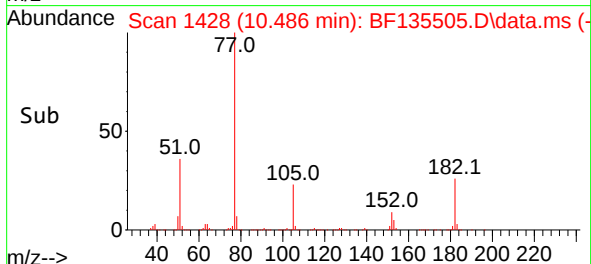
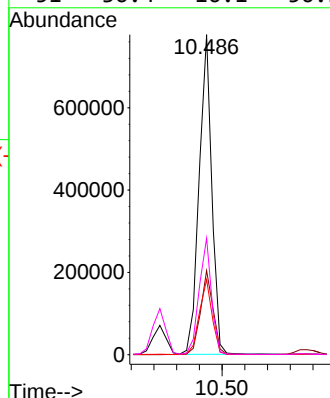
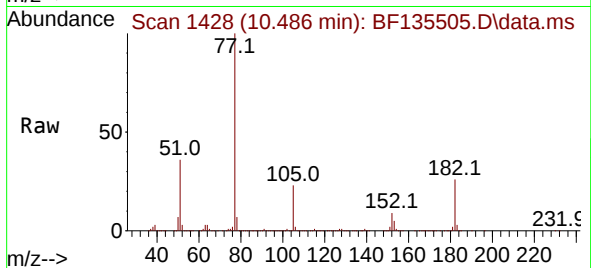
Ion Ratio Lower Upper

77 100

182 26.2 6.4 46.4

105 23.5 3.1 43.1

51 36.4 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: BF135505.D

Acq: 28 Sep 2023 21:10

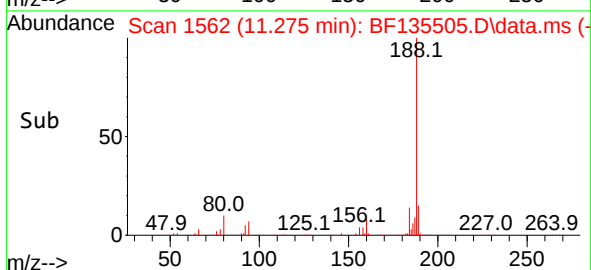
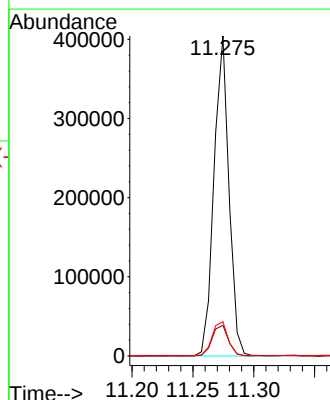
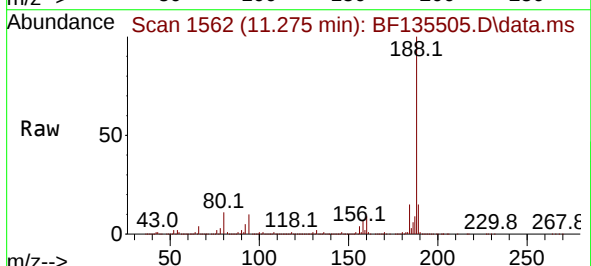
Tgt Ion: 188 Resp: 345714

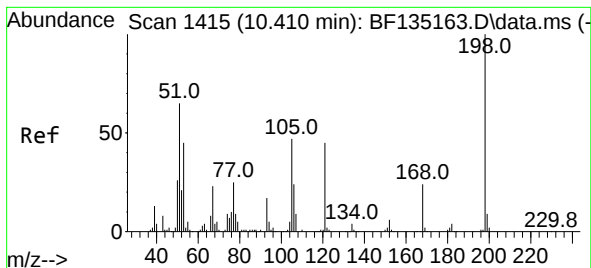
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.7 7.5 11.3

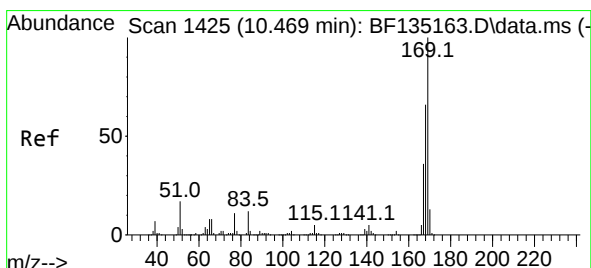
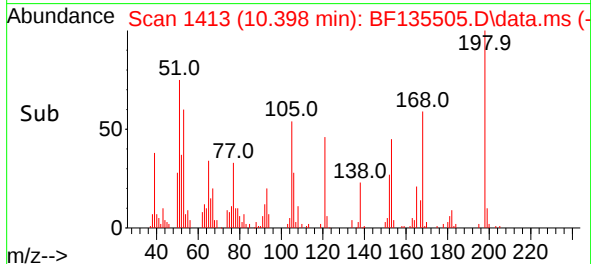
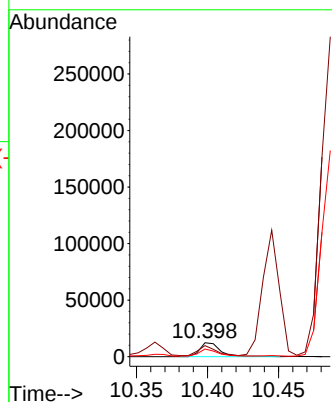
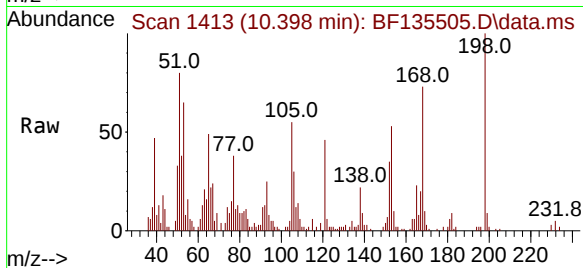




#65
4,6-Dinitro-2-methylphenol
Concen: 6.714 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

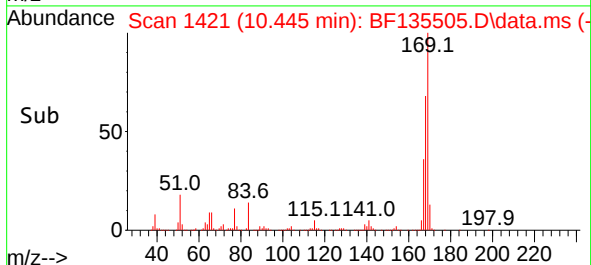
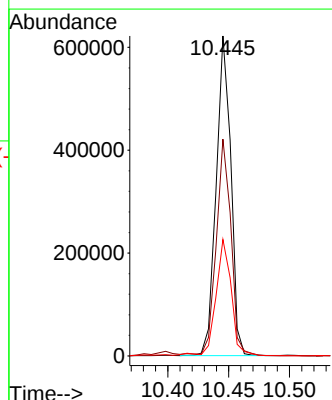
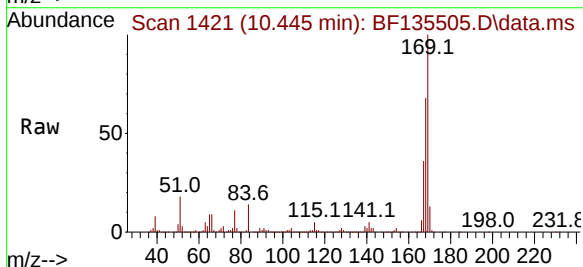
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

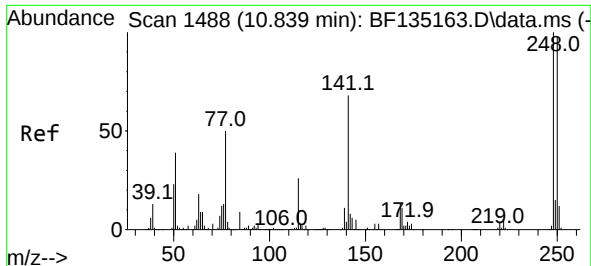
Tgt Ion:198 Resp: 12328
Ion Ratio Lower Upper
198 100
51 79.8 47.7 87.7
105 54.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 49.482 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:169 Resp: 517899
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 36.4 29.0 43.6

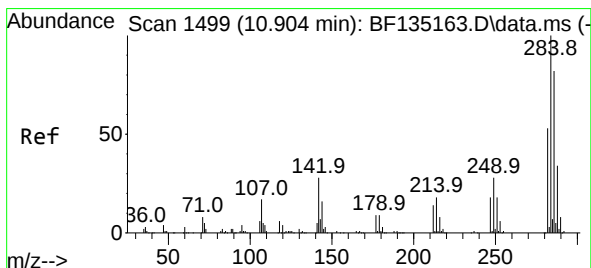
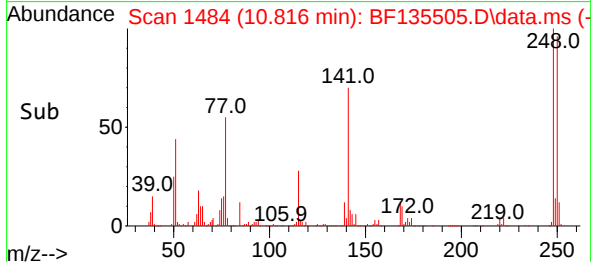
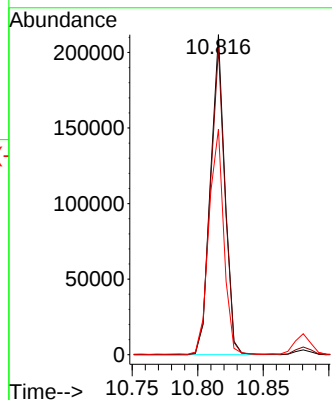
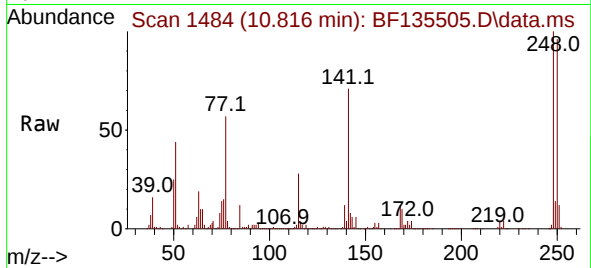




#67
4-Bromophenyl-phenylether
Concen: 47.157 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

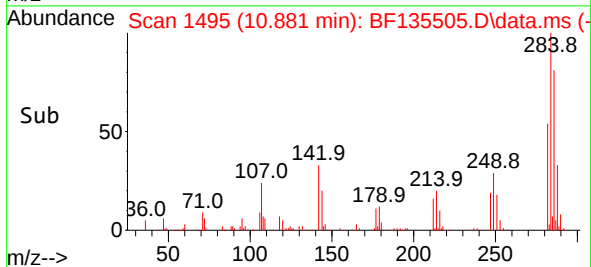
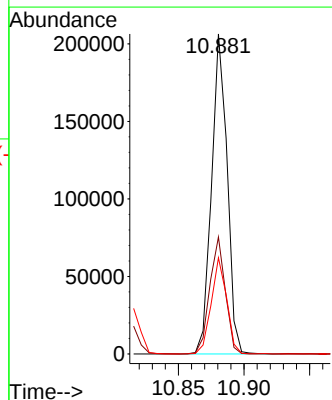
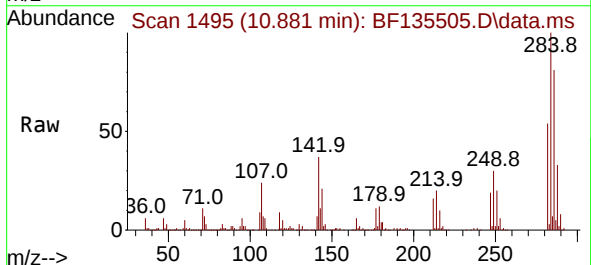
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

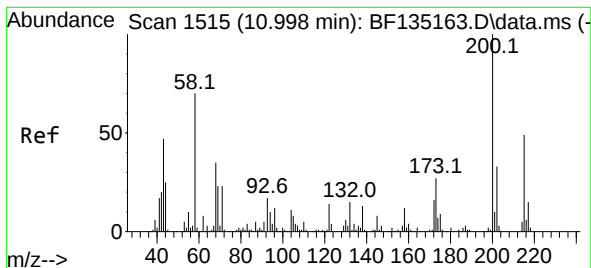
Tgt Ion:248 Resp: 162142
Ion Ratio Lower Upper
248 100
250 95.8 78.6 117.8
141 70.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.663 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:284 Resp: 170464
Ion Ratio Lower Upper
284 100
142 36.6 22.2 33.4#
249 30.0 22.5 33.7





#69

Atrazine

Concen: 51.515 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

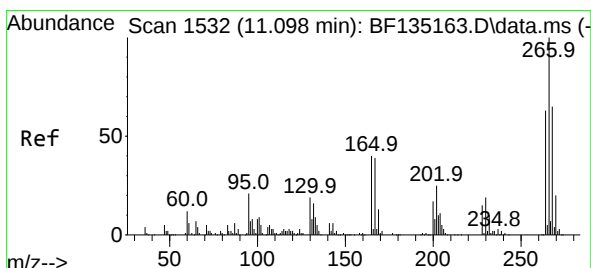
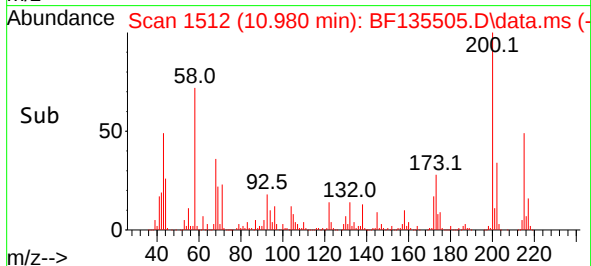
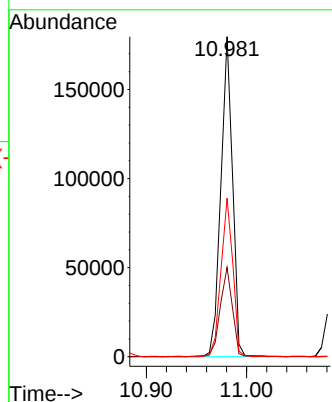
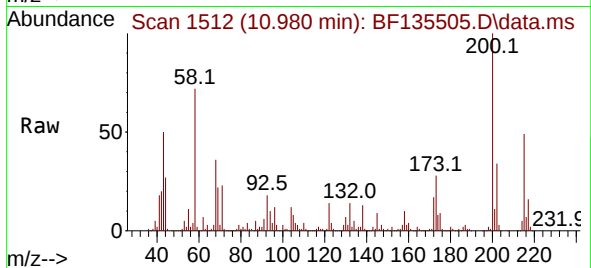
Tgt Ion:200 Resp: 145076

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 49.5 28.6 68.6



#70

Pentachlorophenol

Concen: 93.303 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

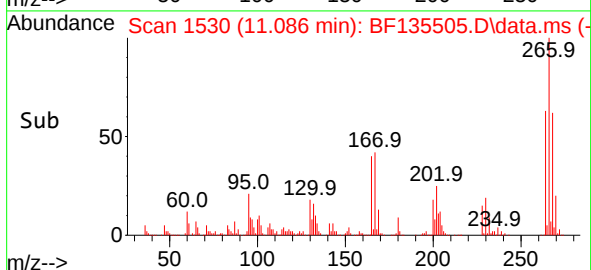
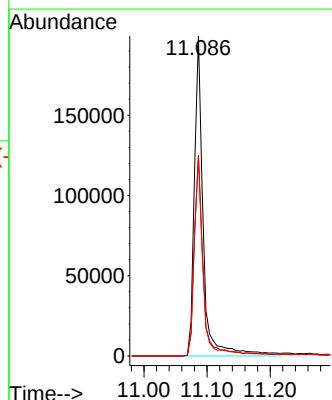
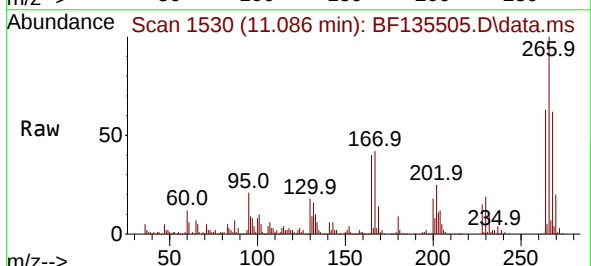
Tgt Ion:266 Resp: 195543

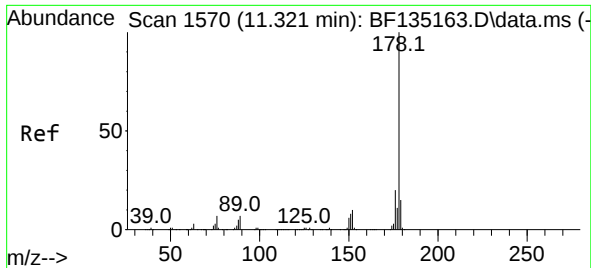
Ion Ratio Lower Upper

266 100

268 62.4 52.1 78.1

264 62.7 50.8 76.2

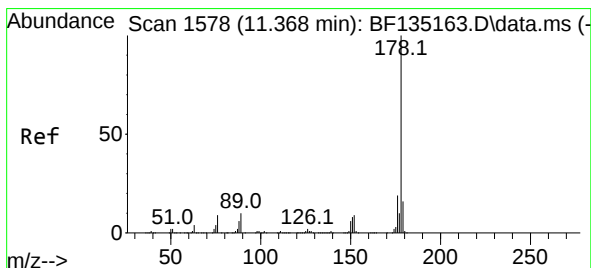
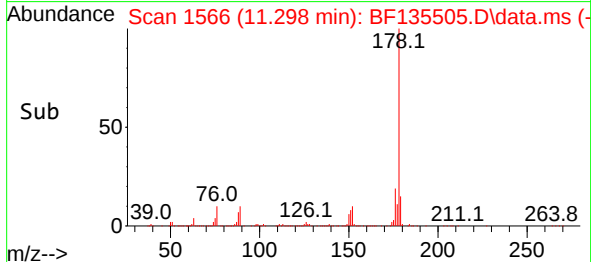
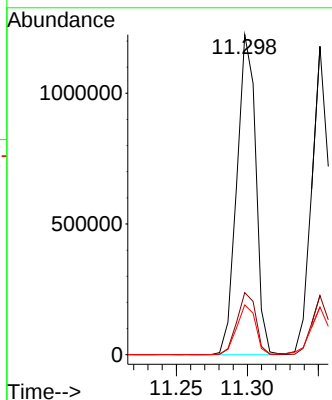
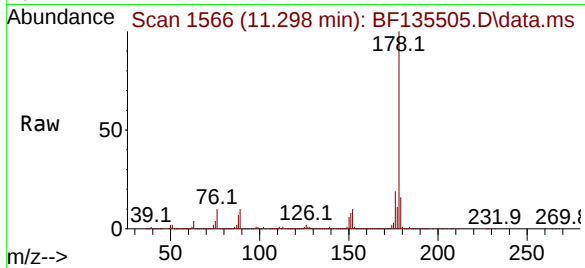




#71
Phenanthrene
Concen: 69.499 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

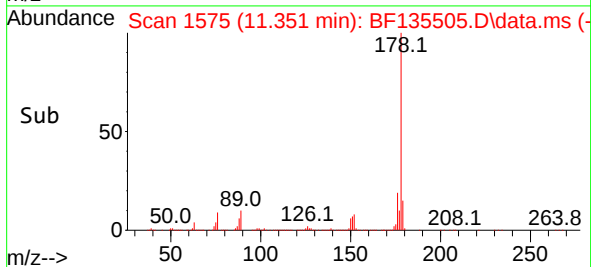
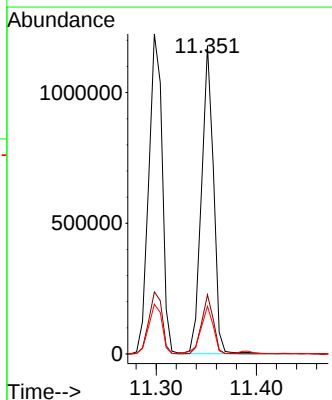
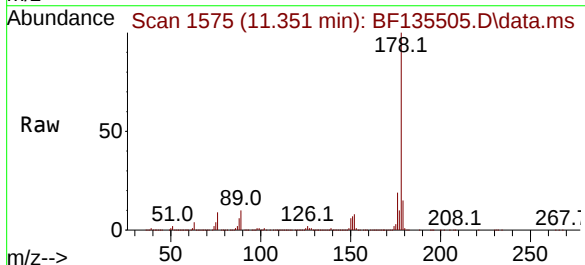
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

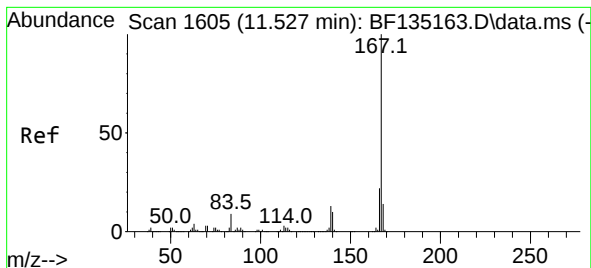
Tgt Ion:178 Resp: 1136362
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.0 18.0



#72
Anthracene
Concen: 58.579 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:178 Resp: 984525
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 58.546 ng

RT: 11.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

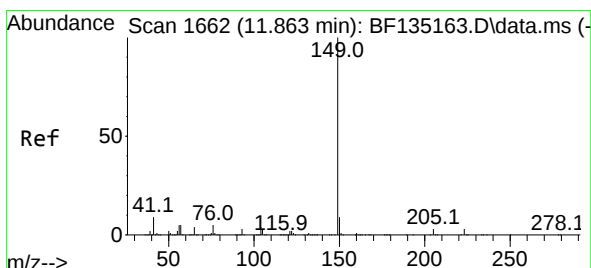
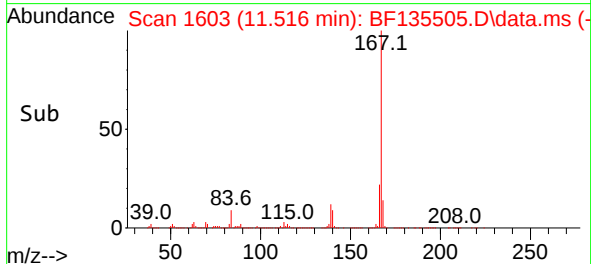
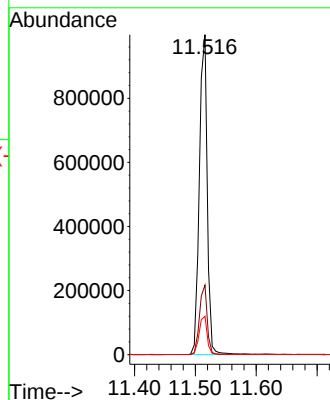
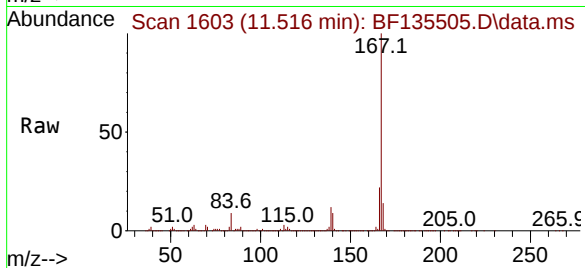
Tgt Ion:167 Resp: 895733

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 53.537 ng

RT: 11.839 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

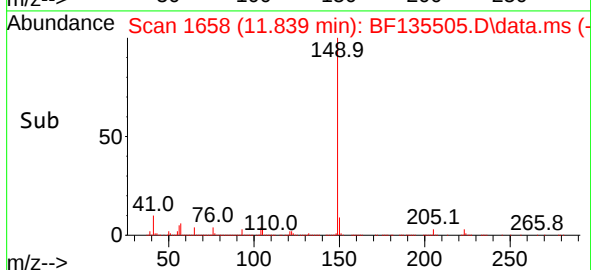
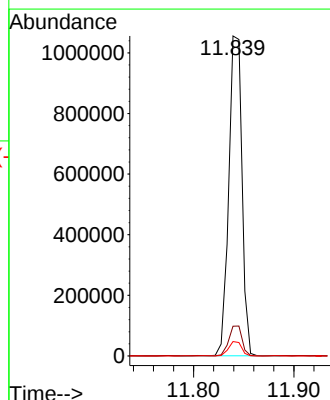
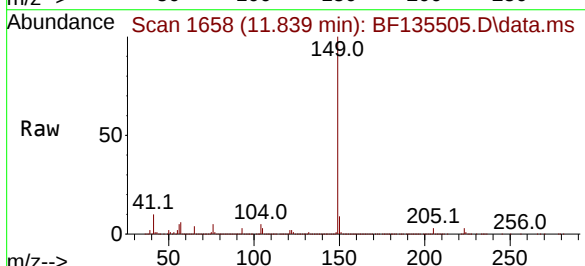
Tgt Ion:149 Resp: 965178

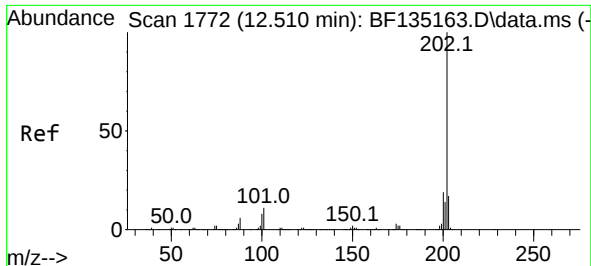
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.5 3.6 5.4

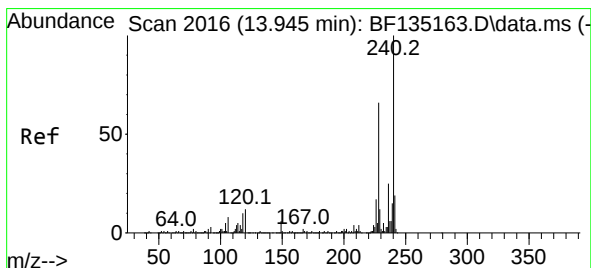
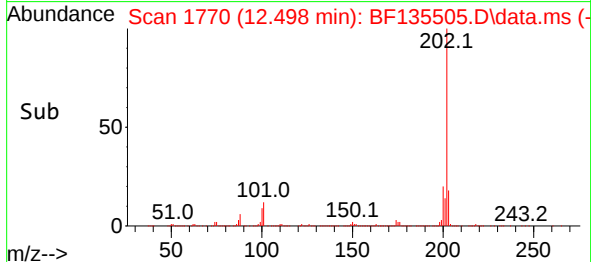
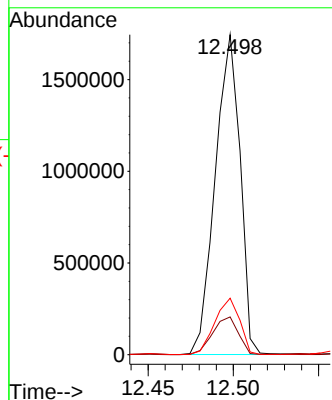
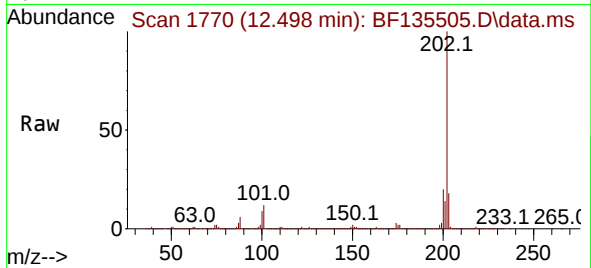




#75
Fluoranthene
Concen: 103.891 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

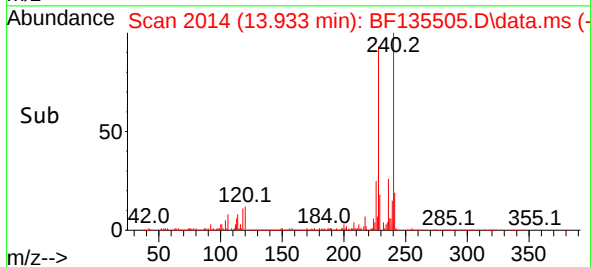
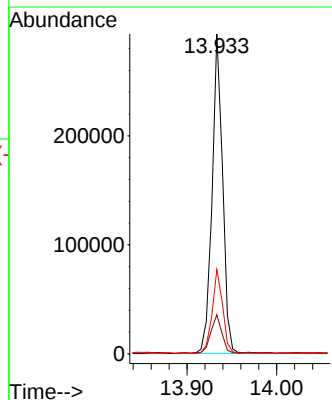
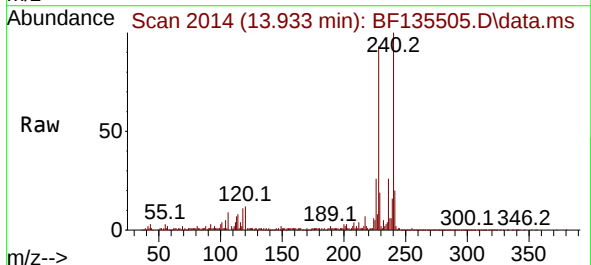
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

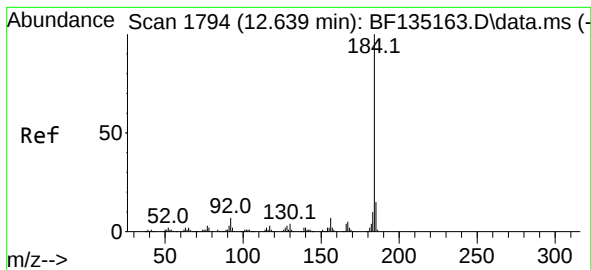
Tgt Ion:202 Resp: 1770035
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:240 Resp: 239492
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.4 19.8 29.8





#77

Benzidine

Concen: 50.649 ng

RT: 12.622 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

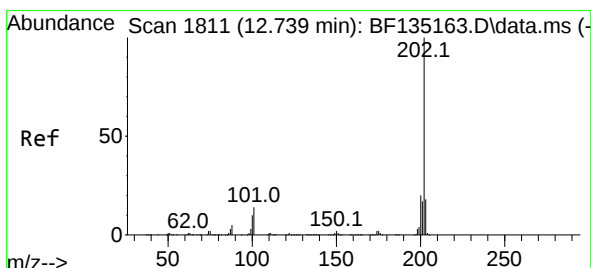
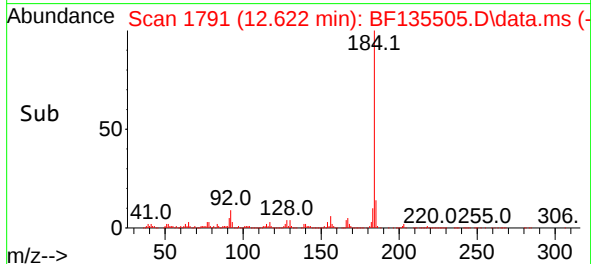
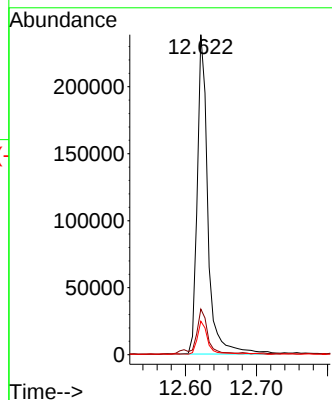
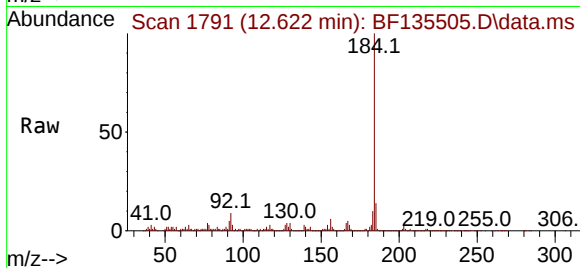
Tgt Ion:184 Resp: 248508

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

183 10.5 8.2 12.4



#78

Pyrene

Concen: 68.611 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

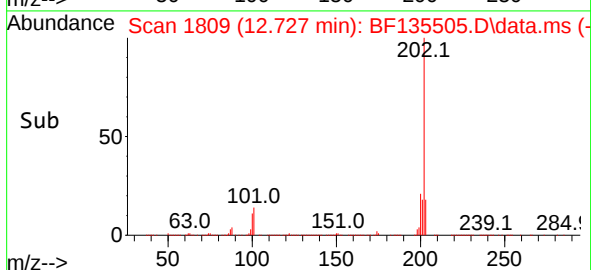
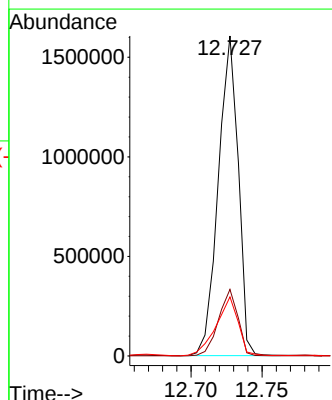
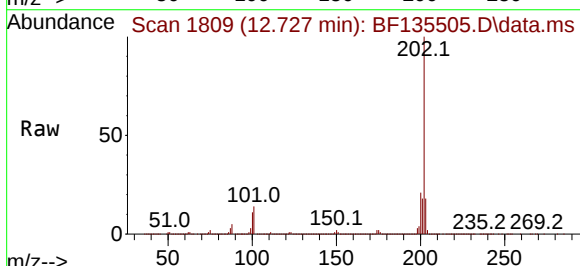
Tgt Ion:202 Resp: 1564420

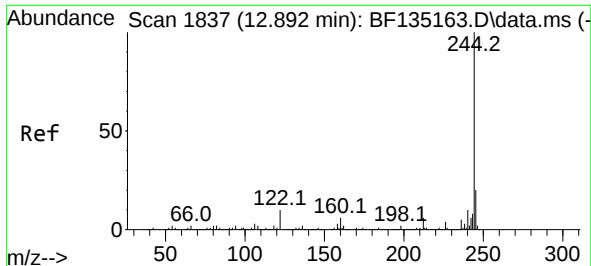
Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.2

203 18.5 14.2 21.4

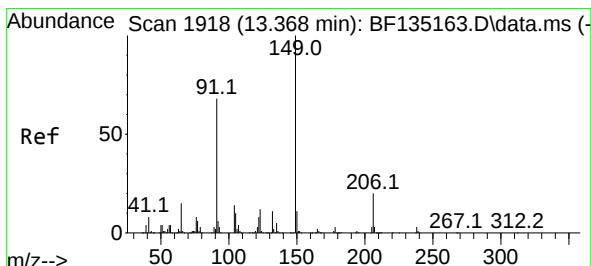
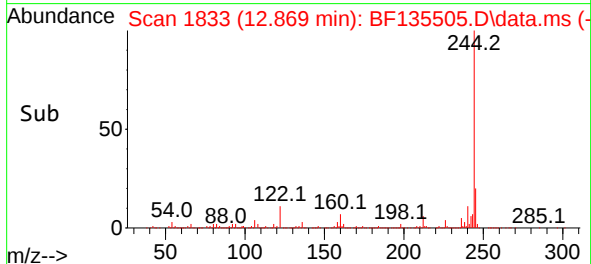
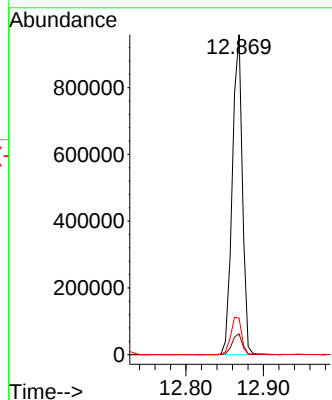
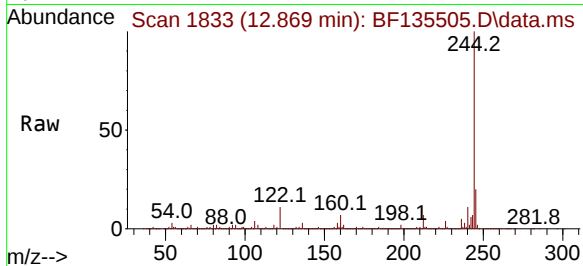




#79
 Terphenyl-d14
 Concen: 56.276 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135505.D
 Acq: 28 Sep 2023 21:10

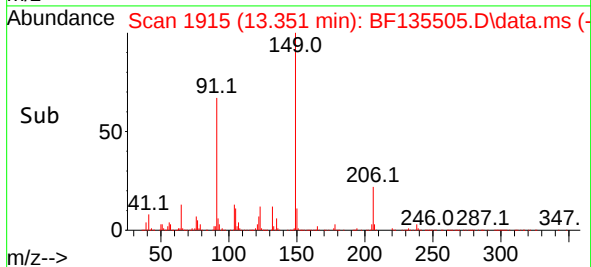
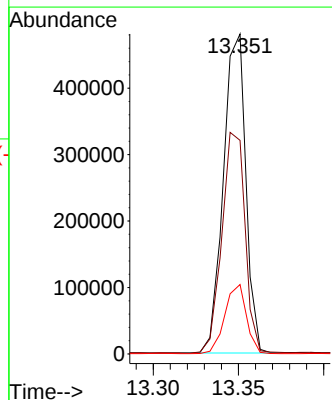
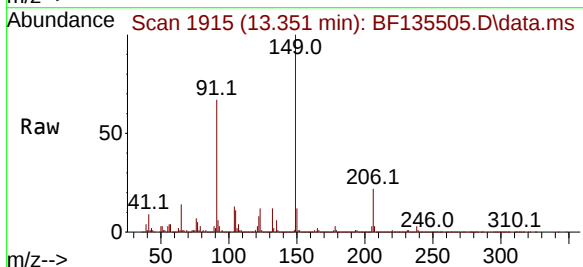
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-287MSD

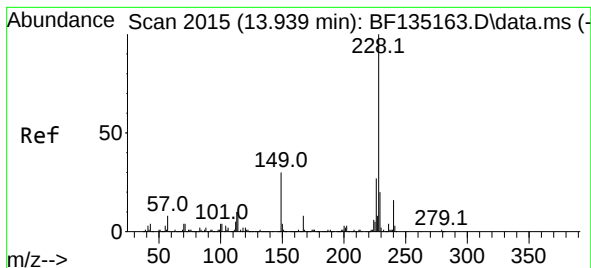
Tgt Ion:244 Resp: 869425
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.4 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 54.802 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: BF135505.D
 Acq: 28 Sep 2023 21:10

Tgt Ion:149 Resp: 439949
 Ion Ratio Lower Upper
 149 100
 91 66.7 54.7 82.1
 206 21.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 63.678 ng

RT: 13.921 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

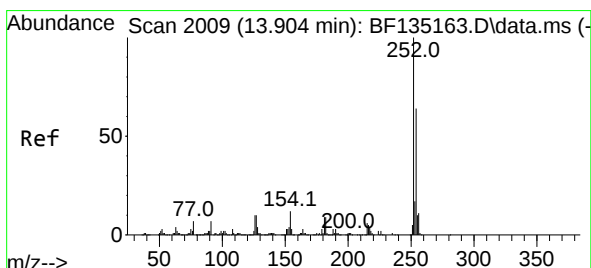
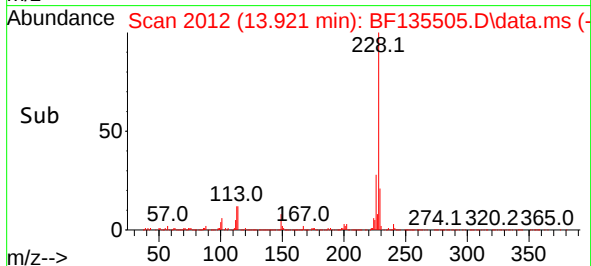
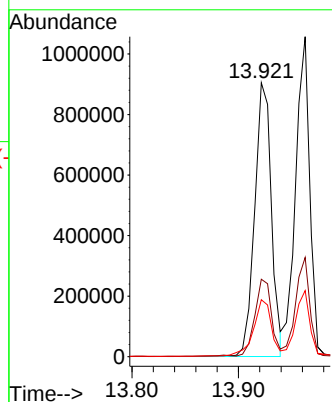
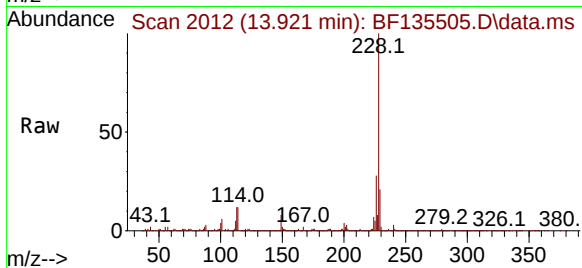
Tgt Ion:228 Resp: 984764

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 20.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 48.443 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

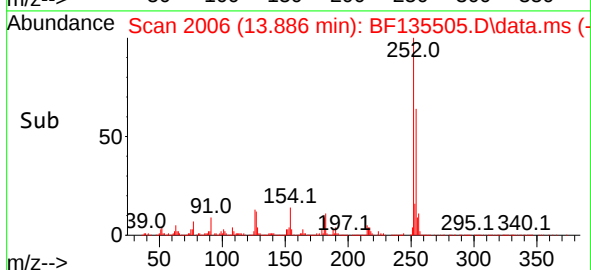
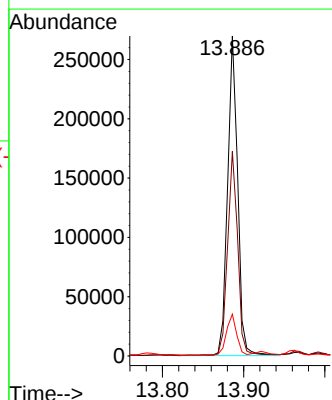
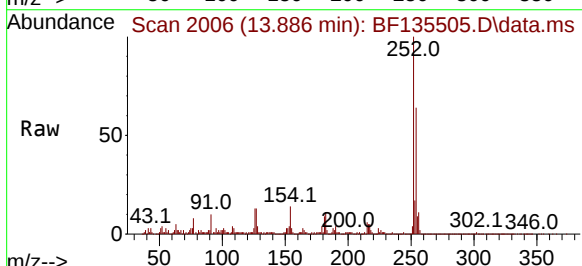
Tgt Ion:252 Resp: 234003

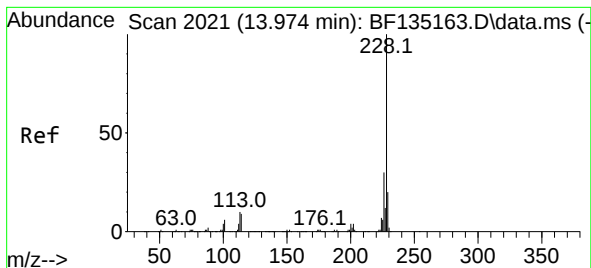
Ion Ratio Lower Upper

252 100

254 63.9 51.0 76.4

126 13.1 7.8 11.8#





#83

Chrysene

Concen: 63.721 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

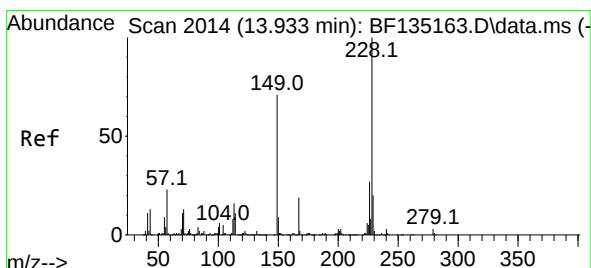
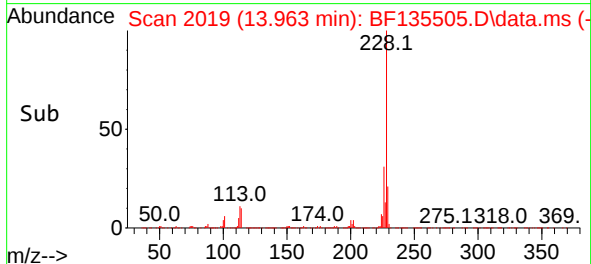
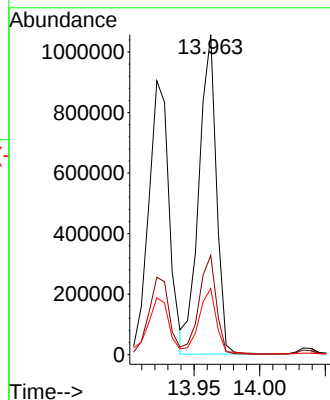
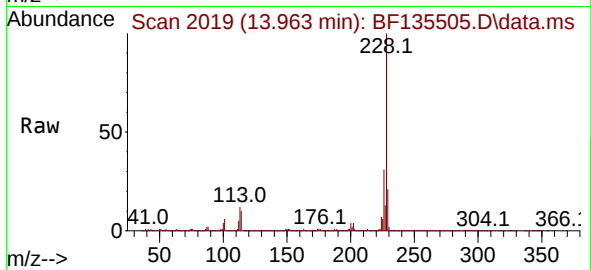
Tgt Ion:228 Resp: 979738

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.320 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

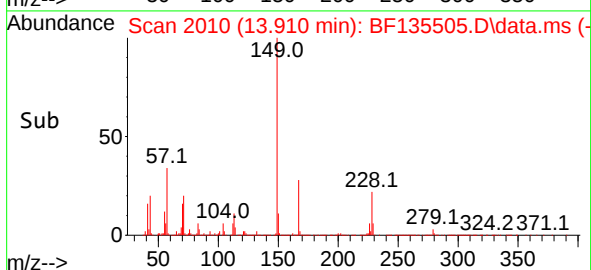
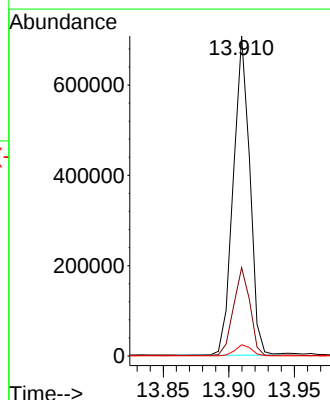
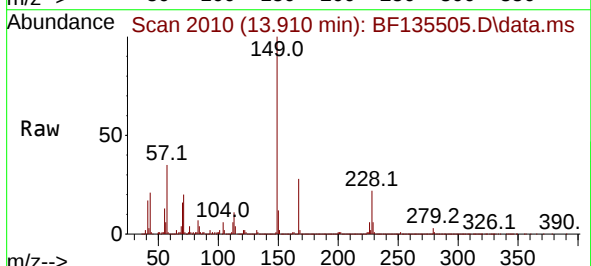
Tgt Ion:149 Resp: 620496

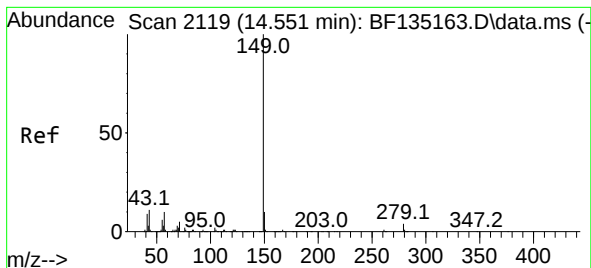
Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 78.449 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

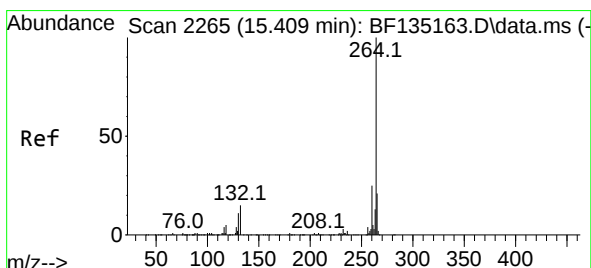
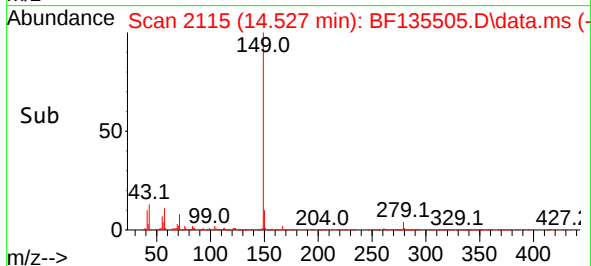
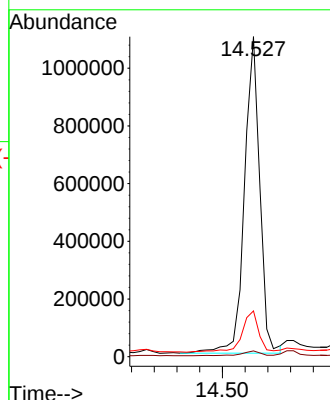
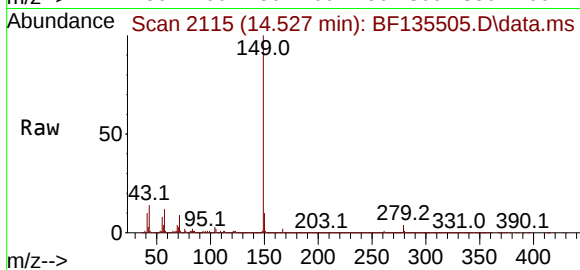
Tgt Ion:149 Resp: 1027051

Ion Ratio Lower Upper

149 100

167 1.9 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: BF135505.D

Acq: 28 Sep 2023 21:10

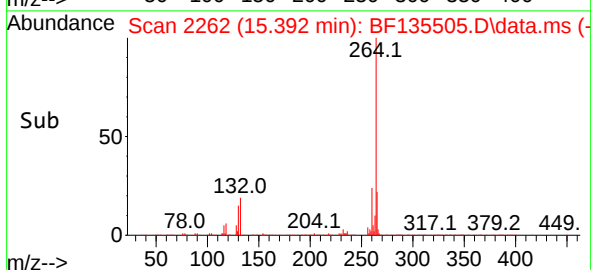
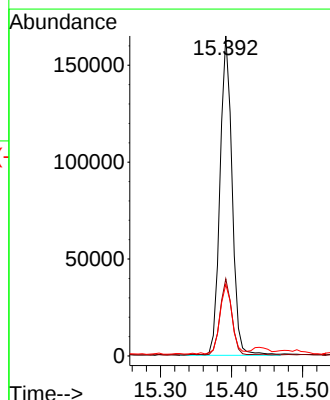
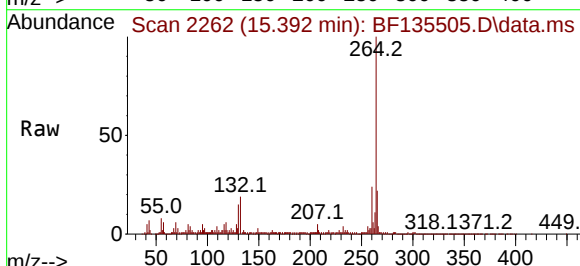
Tgt Ion:264 Resp: 193972

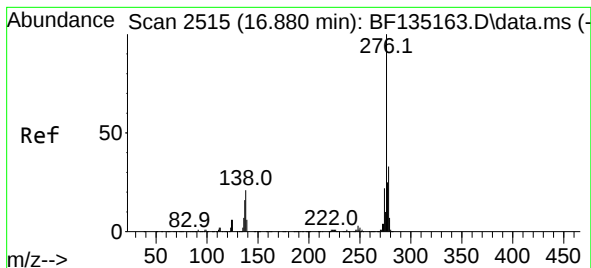
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.632 ng

RT: 16.868 min Scan# 211

Delta R.T. 0.012 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

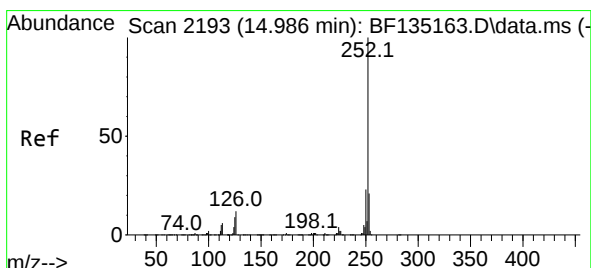
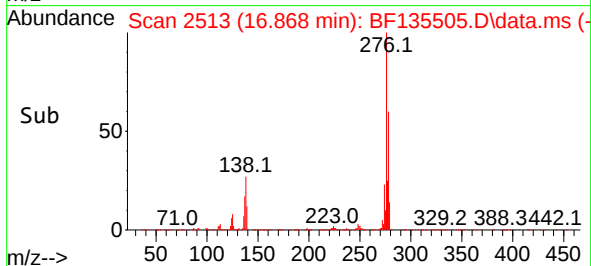
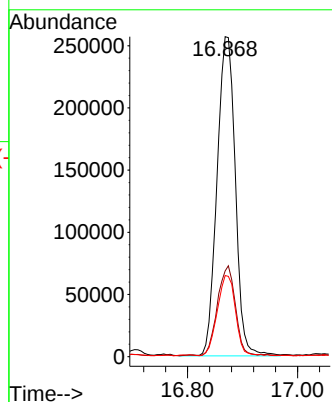
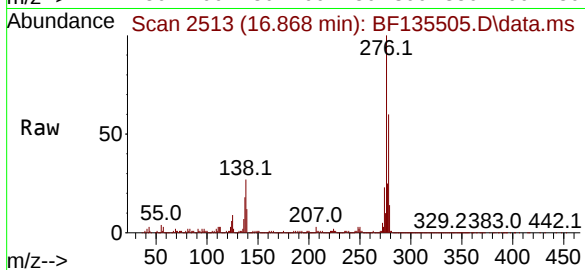
Tgt Ion:276 Resp: 593075

Ion Ratio Lower Upper

276 100

138 27.3 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 74.294 ng

RT: 14.968 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

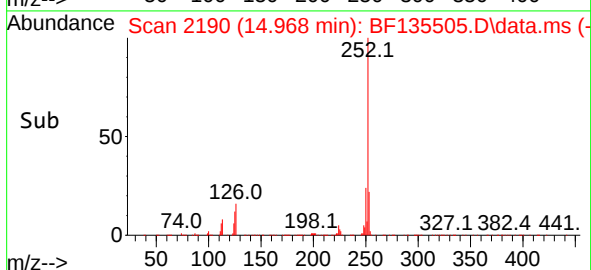
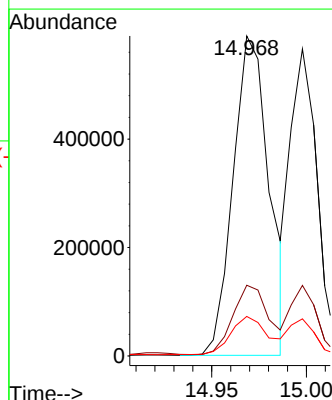
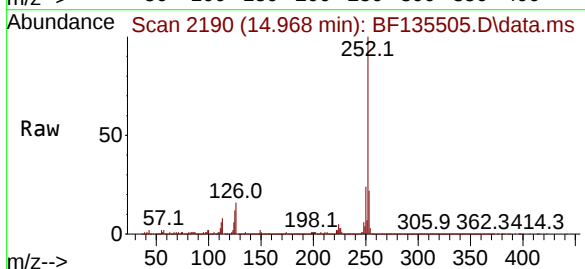
Tgt Ion:252 Resp: 780118

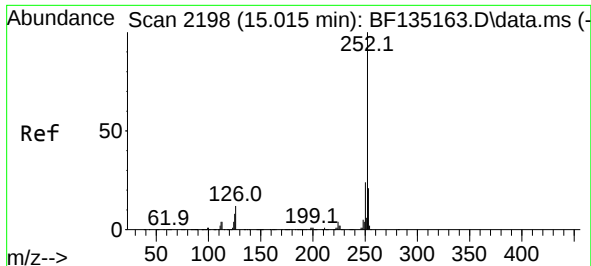
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.3 7.1 10.7#

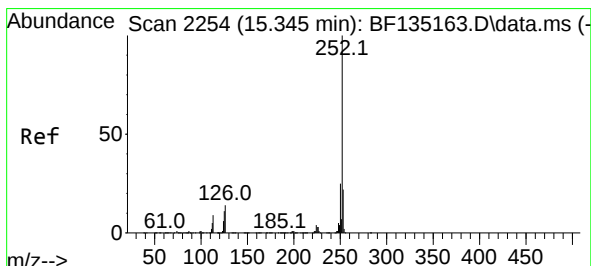
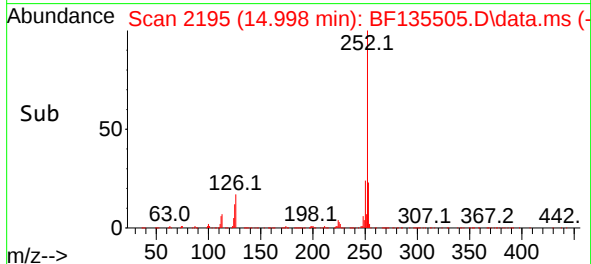
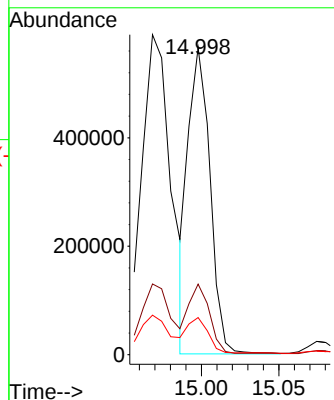
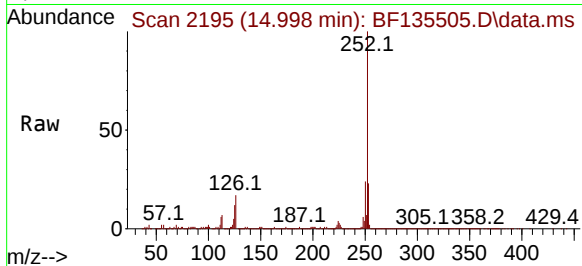




#89
Benzo(k)fluoranthene
Concen: 53.566 ng
RT: 14.998 min Scan# 2198
Delta R.T. 0.012 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

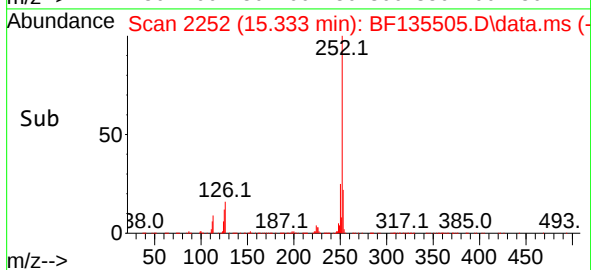
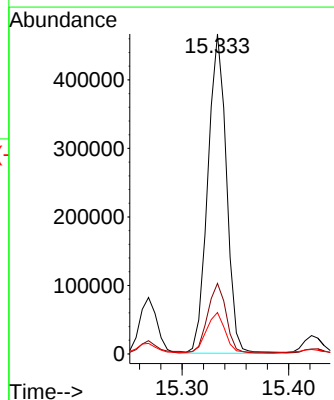
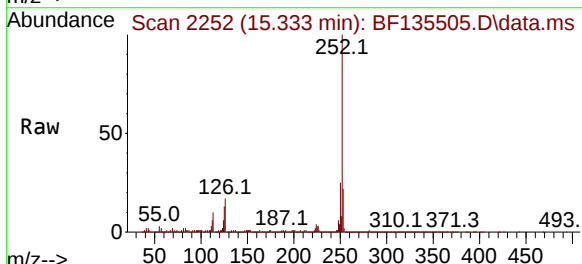
Instrument :
BNA_F
ClientSampleId :
ETGI-287MSD

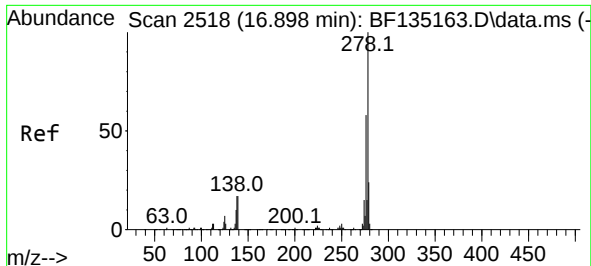
Tgt Ion:252 Resp: 555619
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 12.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 56.421 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.012 min
Lab File: BF135505.D
Acq: 28 Sep 2023 21:10

Tgt Ion:252 Resp: 564969
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 43.381 ng

RT: 16.880 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Instrument :

BNA_F

ClientSampleId :

ETGI-287MSD

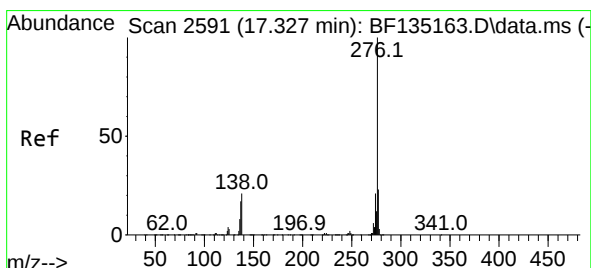
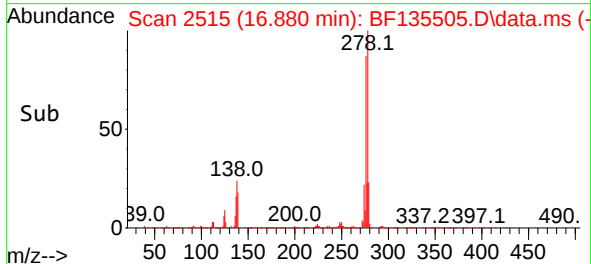
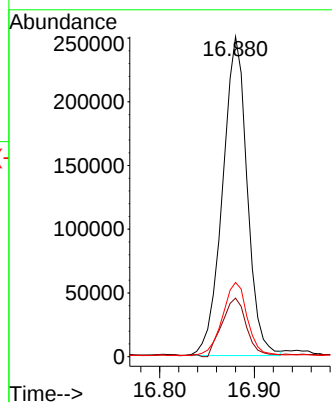
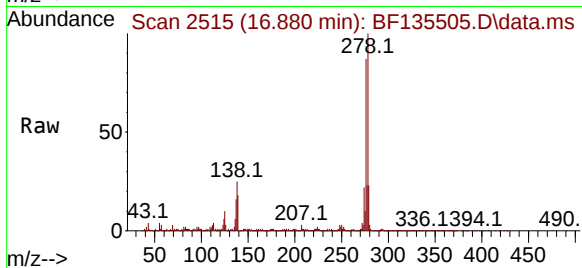
Tgt Ion:278 Resp: 451430

Ion Ratio Lower Upper

278 100

139 18.3 13.4 20.0

279 23.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 45.566 ng

RT: 17.315 min Scan# 2589

Delta R.T. 0.018 min

Lab File: BF135505.D

Acq: 28 Sep 2023 21:10

Tgt Ion:276 Resp: 495201

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 24.2 16.9 25.3

