

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137481.D
 Acq On : 04 Mar 2024 15:19
 Operator : CG\JU
 Sample : P1662-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352MSD

Quant Time: Mar 04 15:53:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	224754	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	882061	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	505040	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	857494	20.000	ng	0.00
76) Chrysene-d12	14.051	240	441497	20.000	ng	0.00
86) Perylene-d12	15.574	264	469062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1201536	80.967	ng	0.01
7) Phenol-d6	6.504	99	1664997	77.728	ng	0.00
23) Nitrobenzene-d5	7.422	82	1036280	54.588	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	365111	82.323	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1675787	51.941	ng	0.00
79) Terphenyl-d14	12.986	244	1721929	53.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	323771	39.902	ng	98
3) Pyridine	3.546	79	740905	37.860	ng	100
4) n-Nitrosodimethylamine	3.528	42	357019	45.272	ng	95
6) Aniline	6.534	93	727806	27.806	ng	99
8) 2-Chlorophenol	6.651	128	724703	46.301	ng	98
9) Benzaldehyde	6.422	77	427583	40.744	ng	99
10) Phenol	6.522	94	1023804	44.405	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	753643	44.607	ng	100
12) 1,3-Dichlorobenzene	6.804	146	756286	45.218	ng	97
13) 1,4-Dichlorobenzene	6.881	146	767977	44.877	ng	99
14) 1,2-Dichlorobenzene	7.028	146	723150	46.040	ng	98
15) Benzyl Alcohol	7.010	79	674982	50.615	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1209364	41.642	ng	98
17) 2-Methylphenol	7.122	107	600720	41.016	ng	96
18) Hexachloroethane	7.363	117	267130	47.408	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	544996	41.201	ng	96
20) 3+4-Methylphenols	7.269	107	691110	41.201	ng	93
22) Acetophenone	7.269	105	950828	44.552	ng	# 97
24) Nitrobenzene	7.439	77	850635	44.606	ng	100
25) Isophorone	7.681	82	1589725	44.078	ng	98
26) 2-Nitrophenol	7.757	139	368443	48.664	ng	96
27) 2,4-Dimethylphenol	7.798	122	518968	36.684	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	937888	44.322	ng	99
29) 2,4-Dichlorophenol	7.998	162	600238	46.230	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	626587	45.859	ng	99
31) Naphthalene	8.157	128	2049160	43.299	ng	100
32) Benzoic acid	7.939	122	352335	43.871	ng	96
33) 4-Chloroaniline	8.210	127	207862	11.201	ng	99
34) Hexachlorobutadiene	8.275	225	363355	45.045	ng	99
35) Caprolactam	8.592	113	130167	29.566	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	669688	46.144	ng	99
37) 2-Methylnaphthalene	8.851	142	1289657	42.747	ng	99
38) 1-Methylnaphthalene	8.951	142	1212690	42.682	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	615578	43.660	ng	99
41) Hexachlorocyclopentadiene	9.004	237	536225	91.834	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	416961	45.412	ng	97

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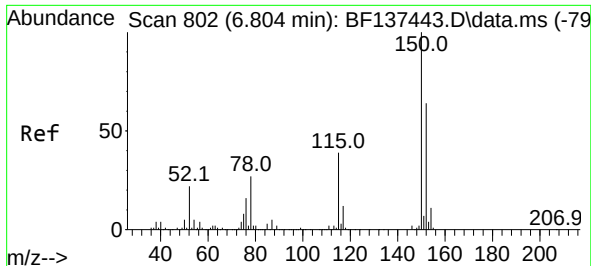
Quant Time: Mar 04 15:53:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	457238	43.230	ng	98
46) 1,1'-Biphenyl	9.316	154	1611554	43.597	ng	99
47) 2-Chloronaphthalene	9.339	162	1240815	44.028	ng	98
48) 2-Nitroaniline	9.445	65	449090	46.883	ng	99
49) Acenaphthylene	9.757	152	1997996	44.300	ng	99
50) Dimethylphthalate	9.628	163	1519899	43.232	ng	100
51) 2,6-Dinitrotoluene	9.686	165	333581	45.364	ng	96
52) Acenaphthene	9.933	154	1322609	49.120	ng	98
53) 3-Nitroaniline	9.857	138	195331	25.113	ng	96
54) 2,4-Dinitrophenol	9.969	184	318810	87.976	ng	97
55) Dibenzofuran	10.104	168	1905567	46.466	ng	99
56) 4-Nitrophenol	10.033	139	489623	88.001	ng	96
57) 2,4-Dinitrotoluene	10.092	165	412625	45.674	ng	92
58) Fluorene	10.451	166	1512480	48.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	377387	44.495	ng	99
60) Diethylphthalate	10.327	149	1417329	42.691	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	612189	39.661	ng	92
62) 4-Nitroaniline	10.480	138	289025	43.235	ng	99
63) Azobenzene	10.604	77	1621644	42.419	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	235143	49.201	ng	94
66) n-Nitrosodiphenylamine	10.569	169	1188379	43.038	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	416026	44.544	ng	98
68) Hexachlorobenzene	10.998	284	448094	47.502	ng	# 89
69) Atrazine	11.104	200	398875	47.519	ng	99
70) Pentachlorophenol	11.198	266	506463	88.814	ng	99
71) Phenanthrene	11.422	178	3153074	67.566	ng	98
72) Anthracene	11.469	178	2156504	44.994	ng	100
73) Carbazole	11.627	167	1850773	45.081	ng	99
74) Di-n-butylphthalate	11.963	149	2211299	45.271	ng	98
75) Fluoranthene	12.616	202	2803404	61.457	ng	97
77) Benzidine	12.745	184	689673	63.832	ng	98
78) Pyrene	12.845	202	2514137	58.035	ng	98
80) Butylbenzylphthalate	13.474	149	626481	56.626	ng	97
81) Benzo(a)anthracene	14.039	228	1515244	48.967	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	300119	36.420	ng	99
83) Chrysene	14.080	228	1501663	48.015	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	796685	56.655	ng	# 99
85) Di-n-octyl phthalate	14.668	149	1462995	53.283	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1503968	48.723	ng	99
88) Benzo(b)fluoranthene	15.121	252	1370374	49.388	ng	100
89) Benzo(k)fluoranthene	15.157	252	1310704	43.979	ng	99
90) Benzo(a)pyrene	15.515	252	1277879	46.735	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1195590	47.747	ng	99
92) Benzo(g,h,i)perylene	17.651	276	1178557	45.830	ng	99

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

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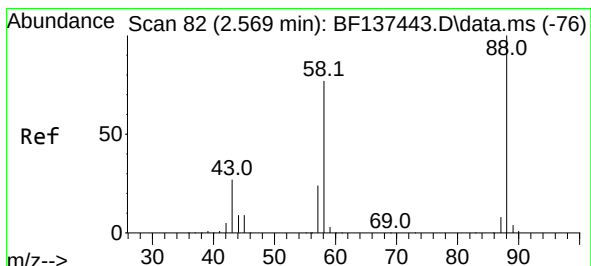
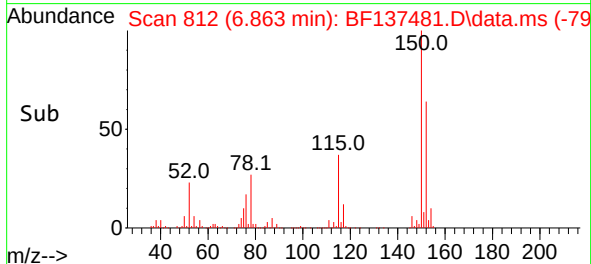
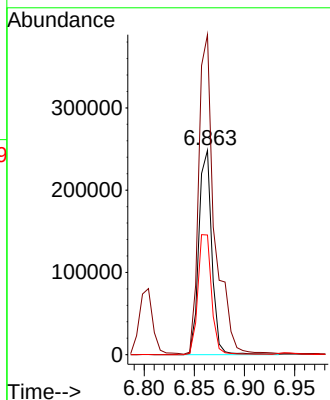
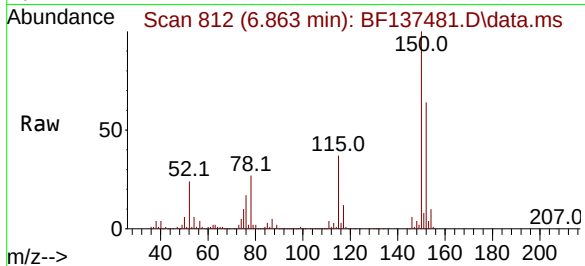




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137481.D
 Acq: 04 Mar 2024 15:19

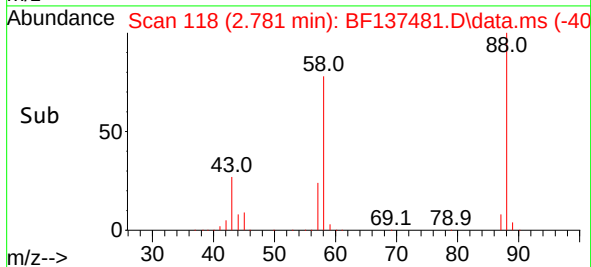
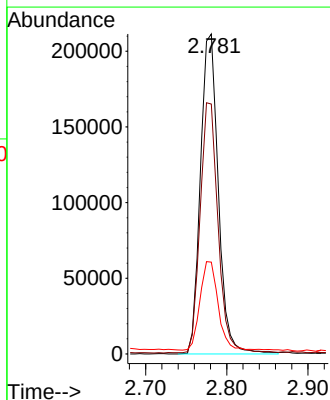
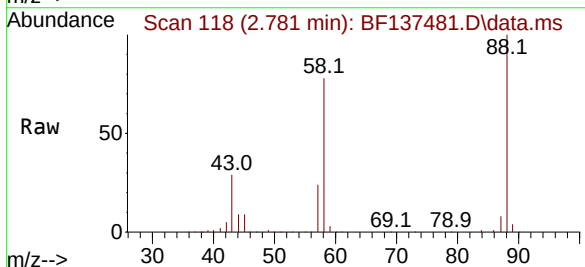
Instrument :
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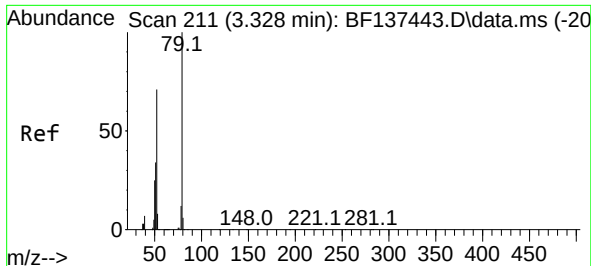
Tgt Ion:152 Resp: 224754
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.8 188.6
 115 58.6 48.8 73.2



#2
 1,4-Dioxane
 Concen: 39.902 ng
 RT: 2.781 min Scan# 118
 Delta R.T. 0.106 min
 Lab File: BF137481.D
 Acq: 04 Mar 2024 15:19

Tgt Ion: 88 Resp: 323771
 Ion Ratio Lower Upper
 88 100
 58 78.6 61.8 92.8
 43 29.6 22.2 33.4

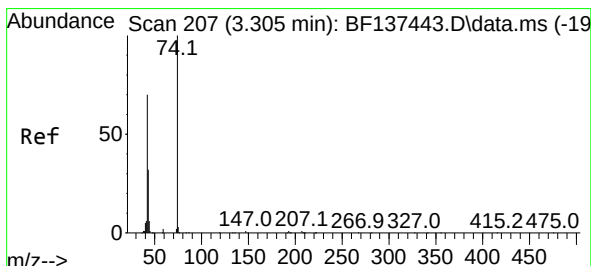
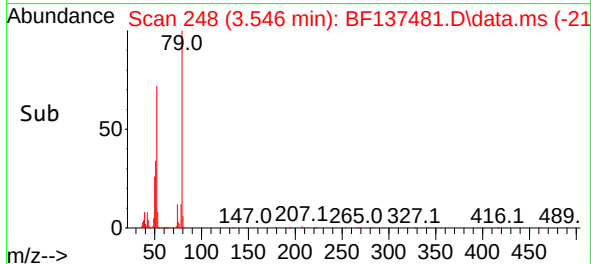
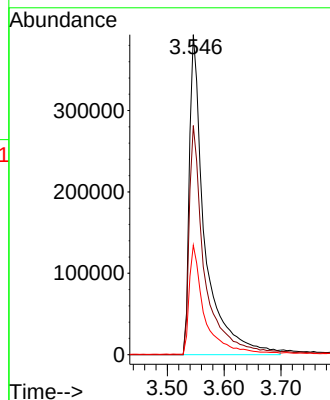
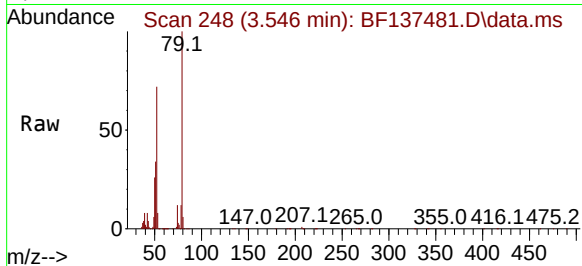




#3
Pyridine
Concen: 37.860 ng
RT: 3.546 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

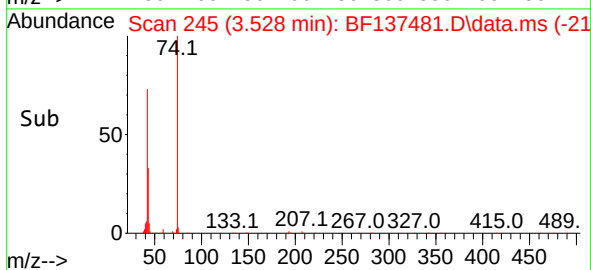
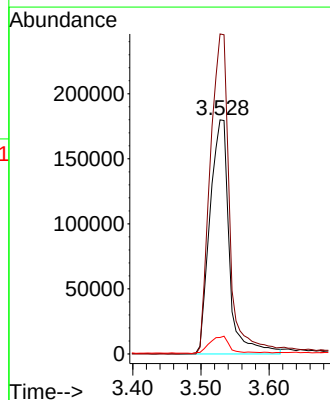
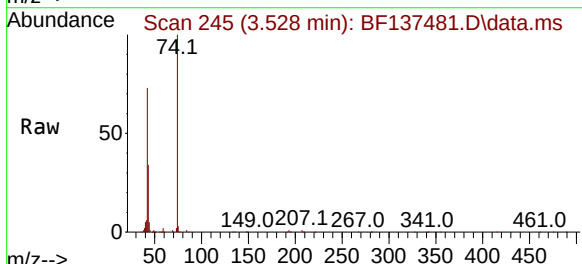
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

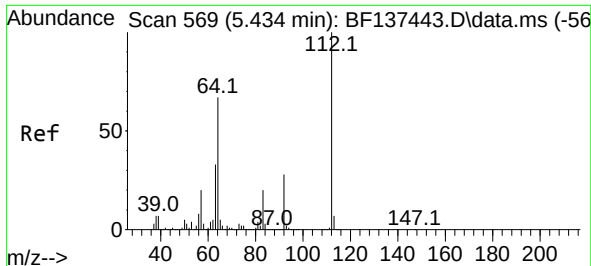
Tgt Ion: 79 Resp: 740905
Ion Ratio Lower Upper
79 100
52 71.6 57.0 85.4
51 34.2 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 45.272 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion: 42 Resp: 357019
Ion Ratio Lower Upper
42 100
74 136.7 114.0 171.0
44 7.0 7.0 10.4

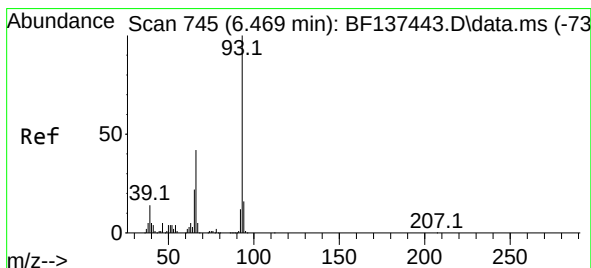
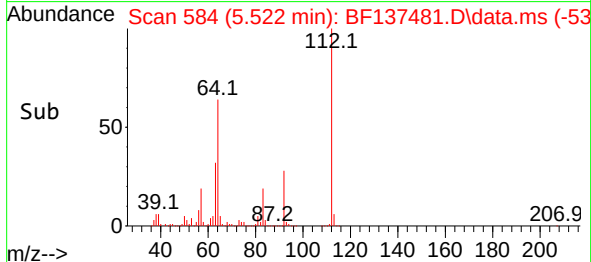
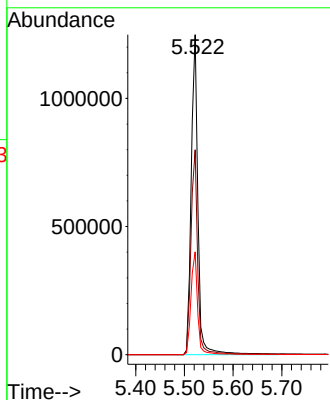
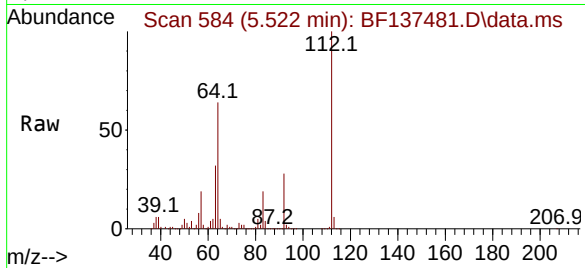




#5
2-Fluorophenol
Concen: 80.967 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

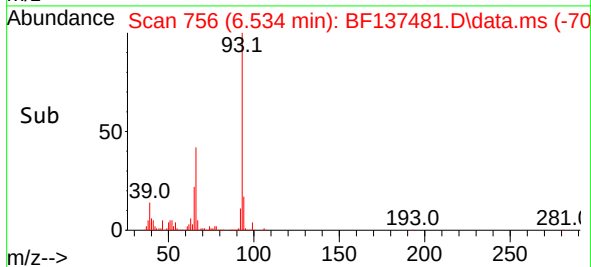
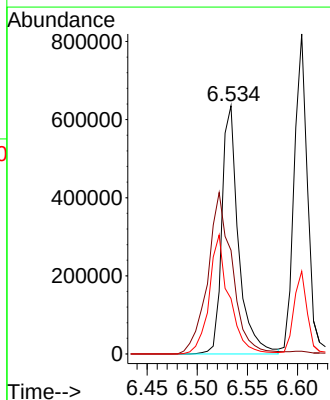
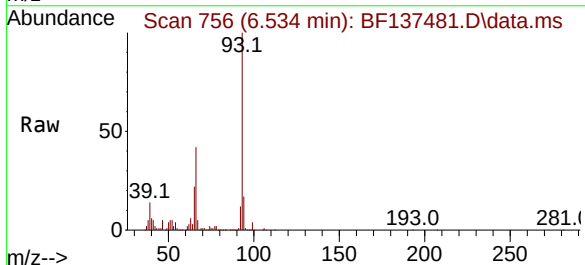
Instrument :
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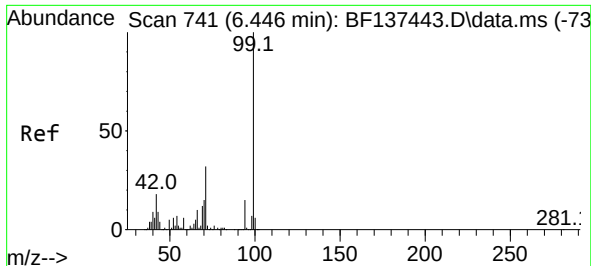
Tgt Ion:112 Resp: 1201536
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 32.2 26.2 39.2



#6
Aniline
Concen: 27.806 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion: 93 Resp: 727806
Ion Ratio Lower Upper
93 100
66 41.8 34.0 51.0
65 22.3 17.8 26.8





#7

Phenol-d6

Concen: 77.728 ng

RT: 6.504 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

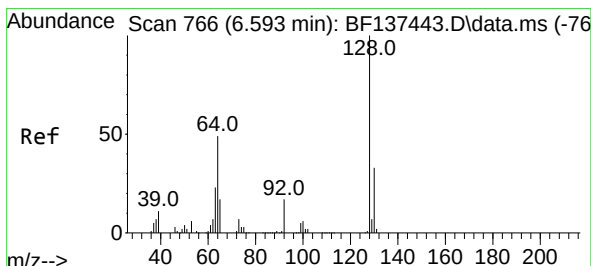
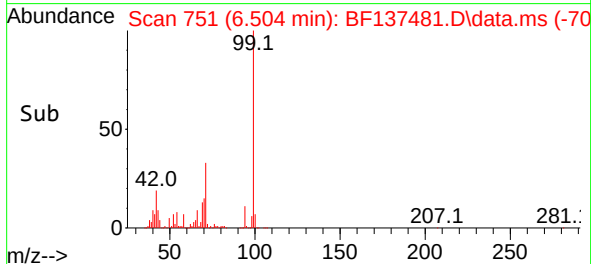
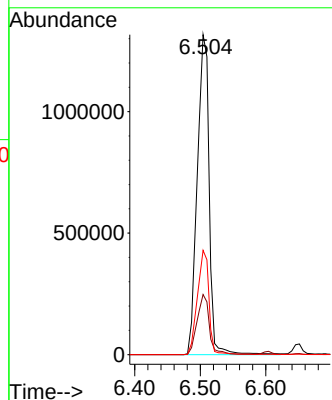
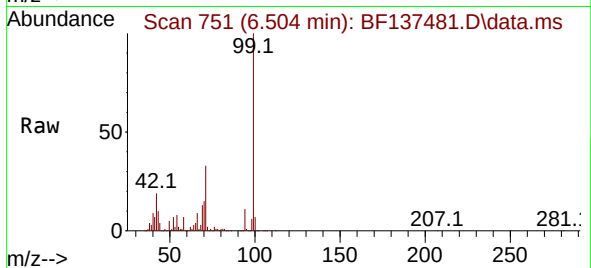
BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion: 99 Resp: 1664997

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	21.8
71	32.6	25.3	37.9



#8

2-Chlorophenol

Concen: 46.301 ng

RT: 6.651 min Scan# 776

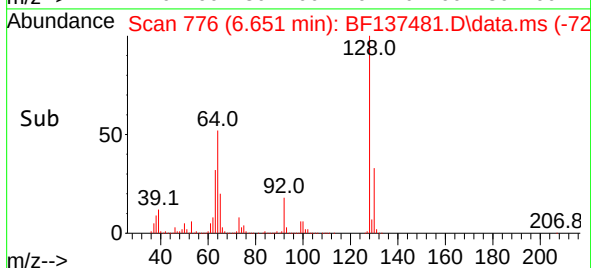
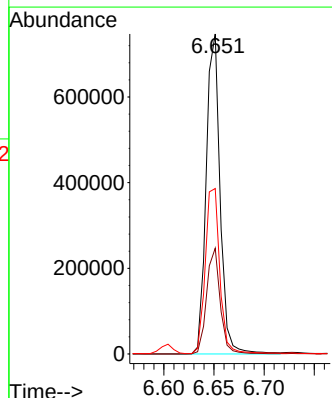
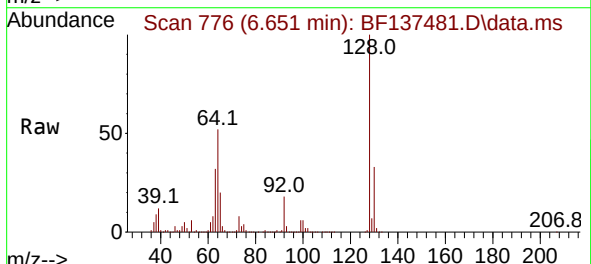
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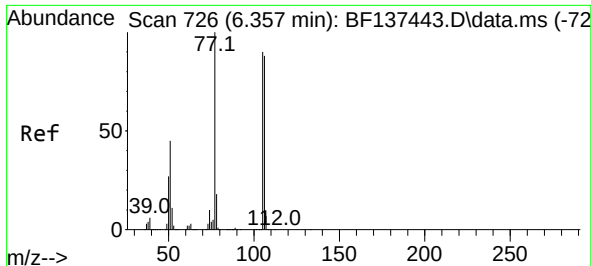
Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Tgt Ion:128 Resp: 724703

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.4	53.4
64	51.7	30.0	70.0





#9

Benzaldehyde

Concen: 40.744 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137481.D

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Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

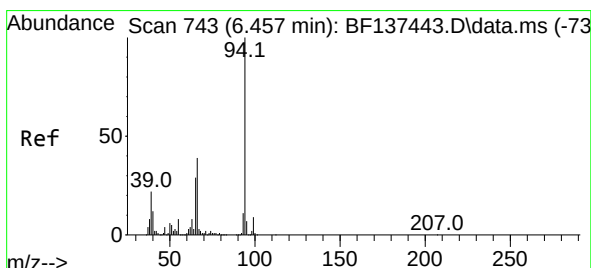
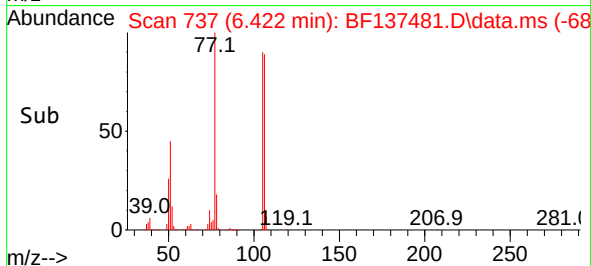
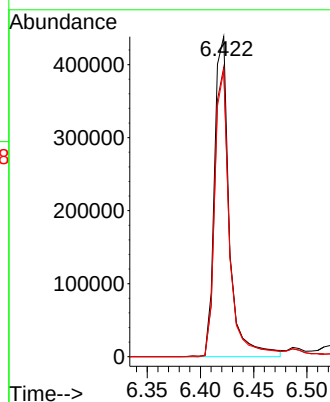
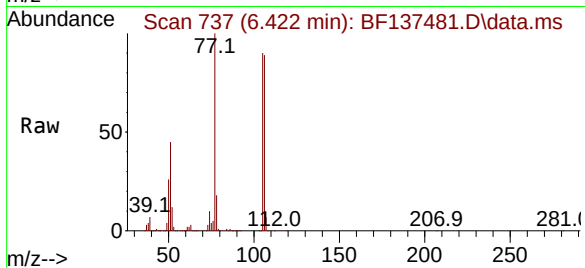
Tgt Ion: 77 Resp: 427583

Ion Ratio Lower Upper

77 100

105 90.4 69.8 109.8

106 89.5 67.8 107.8



#10

Phenol

Concen: 44.405 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

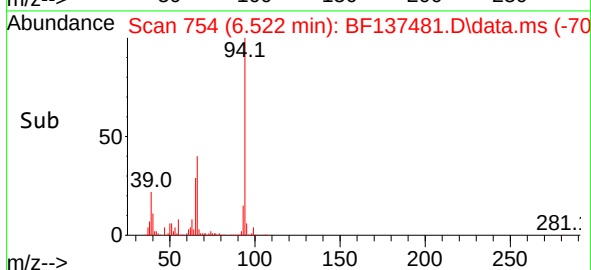
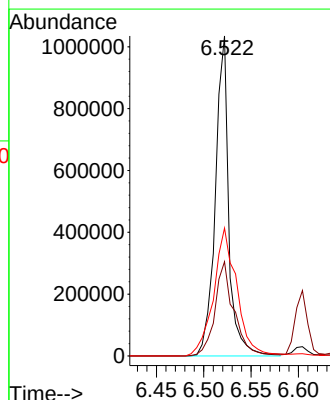
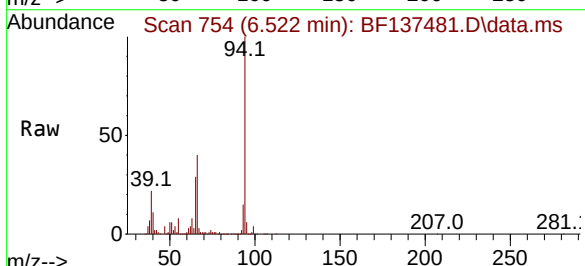
Tgt Ion: 94 Resp: 1023804

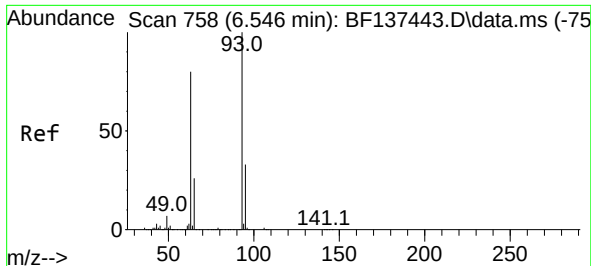
Ion Ratio Lower Upper

94 100

65 29.5 8.7 48.7

66 39.9 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 44.607 ng

RT: 6.604 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF137481.D

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Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

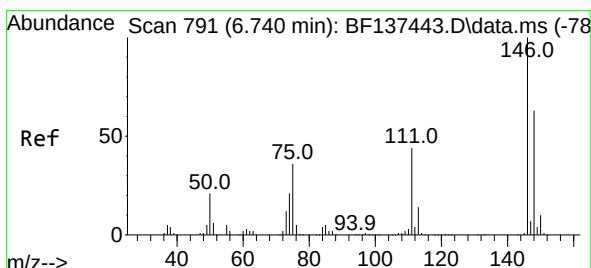
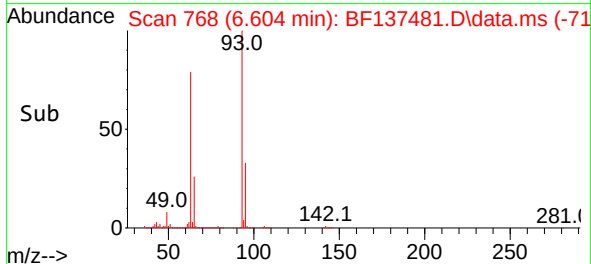
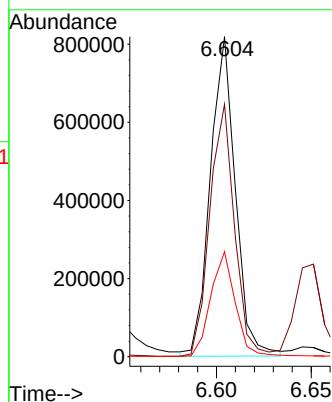
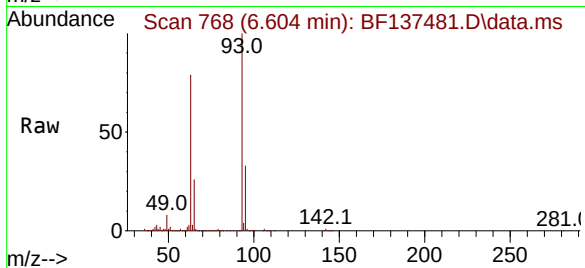
Tgt Ion: 93 Resp: 753643

Ion Ratio Lower Upper

93 100

63 78.9 58.9 98.9

95 32.8 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 45.218 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

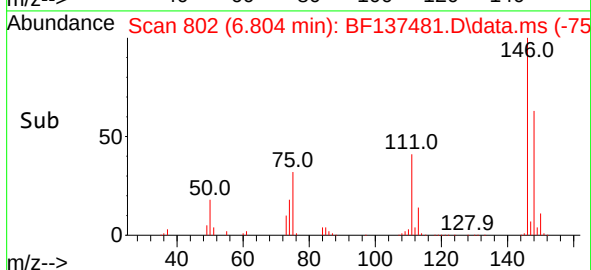
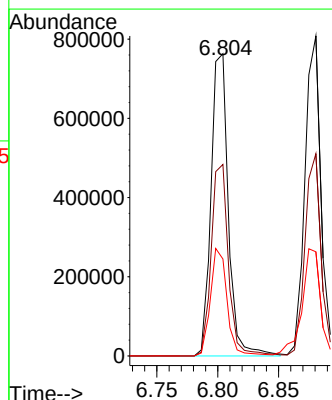
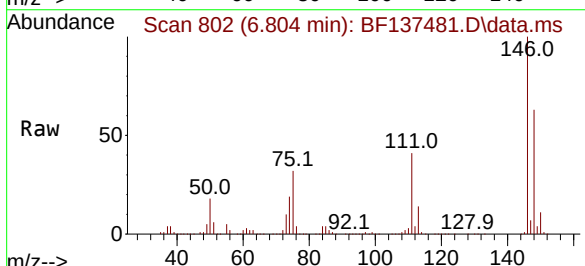
Tgt Ion:146 Resp: 756286

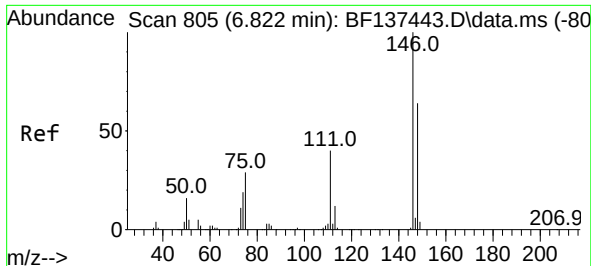
Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

75 32.1 29.0 43.4

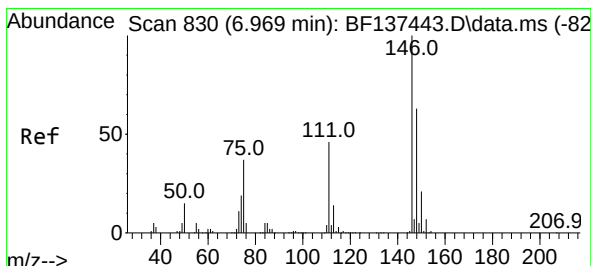
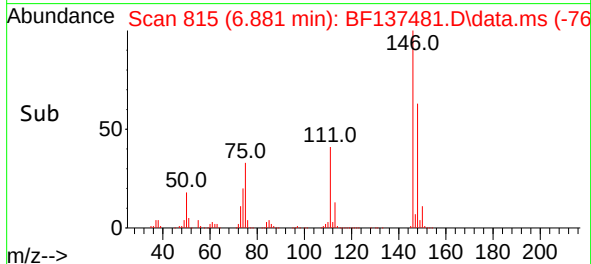
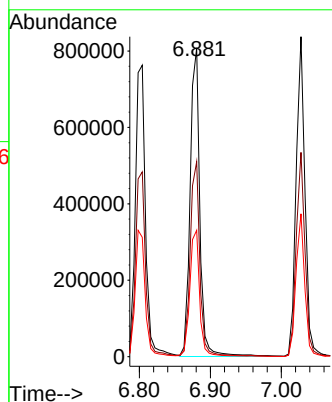
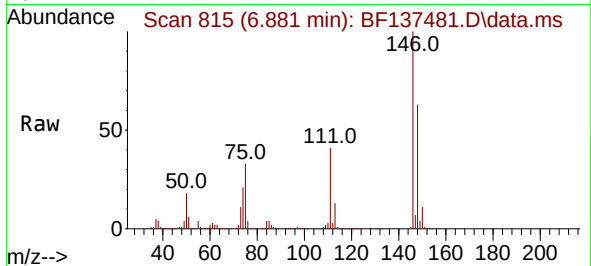




#13
1,4-Dichlorobenzene
Concen: 44.877 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

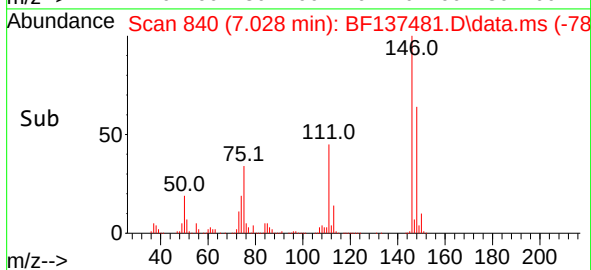
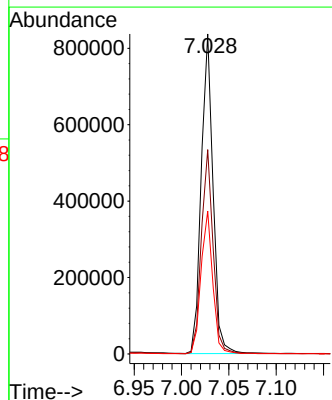
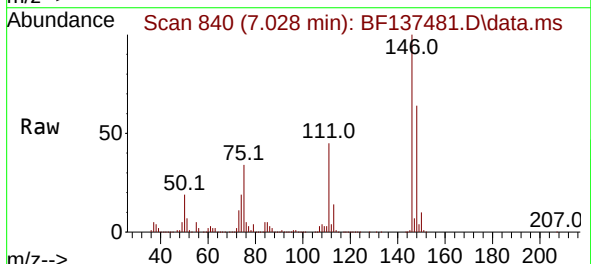
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

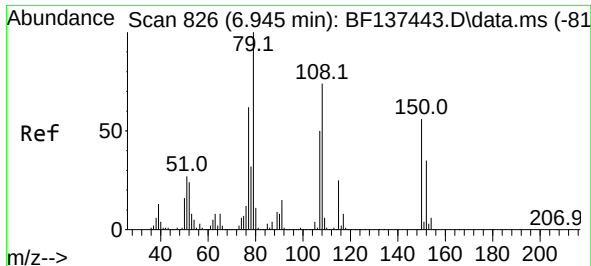
Tgt Ion:146 Resp: 767977
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
111 40.9 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.040 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:146 Resp: 723150
Ion Ratio Lower Upper
146 100
148 63.9 50.0 75.0
111 44.7 36.8 55.2

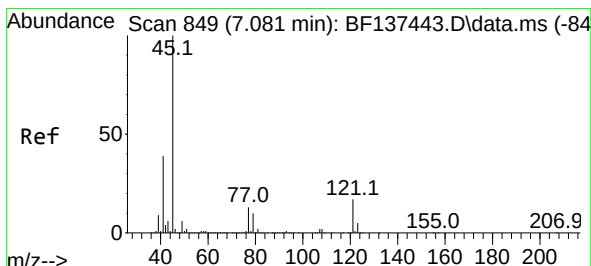
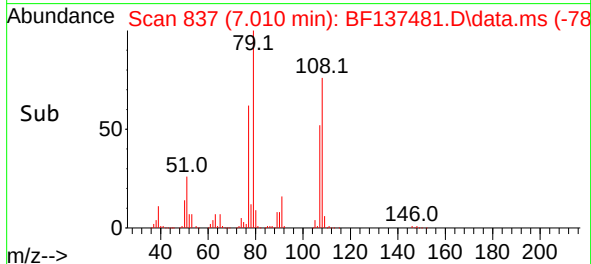
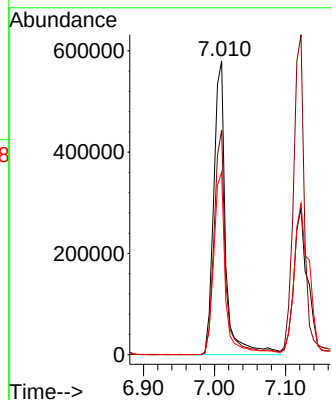
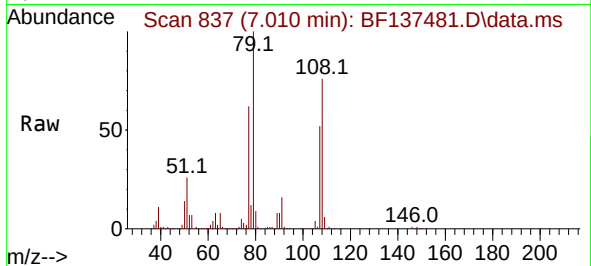




#15
Benzyl Alcohol
Concen: 50.615 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

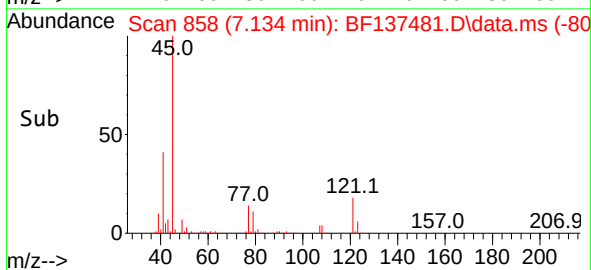
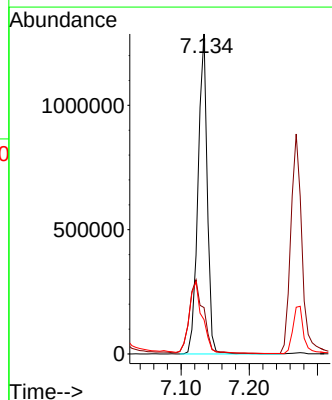
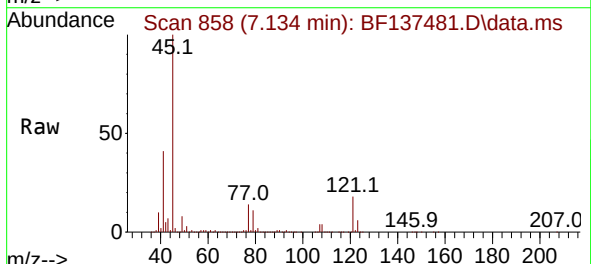
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

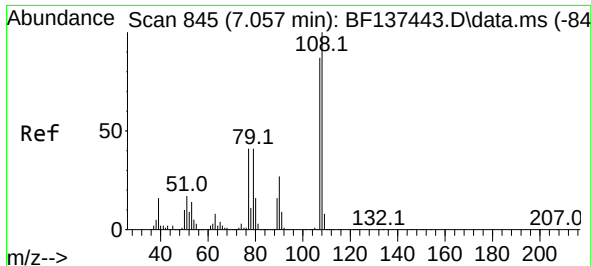
Tgt Ion: 79 Resp: 674982
Ion Ratio Lower Upper
79 100
108 76.5 59.5 89.3
77 62.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.642 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

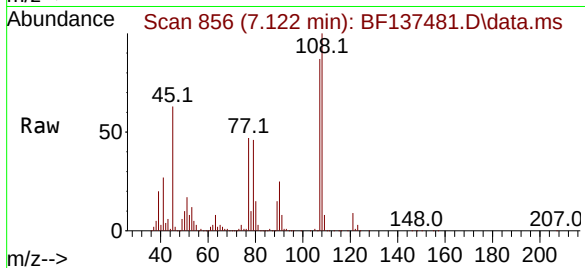
Tgt Ion: 45 Resp: 1209364
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.4
79 10.7 0.0 30.9



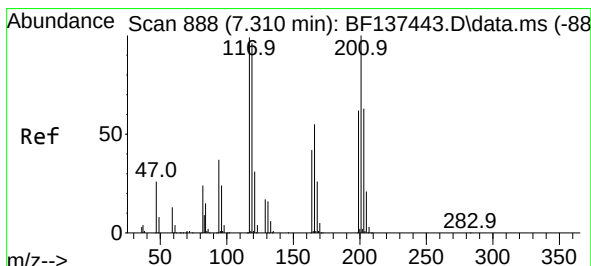
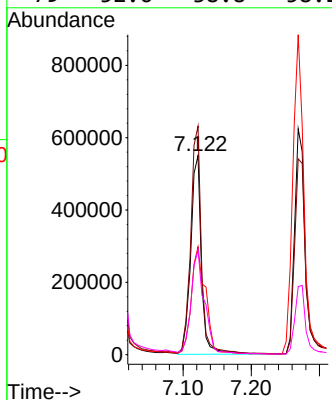
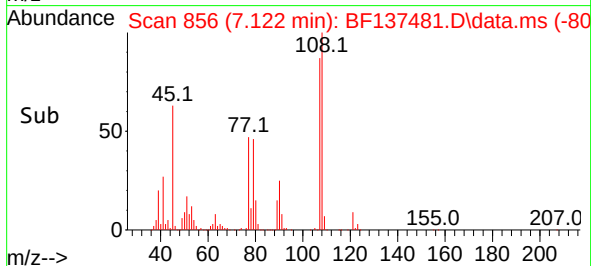


#17
2-Methylphenol
Concen: 41.016 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

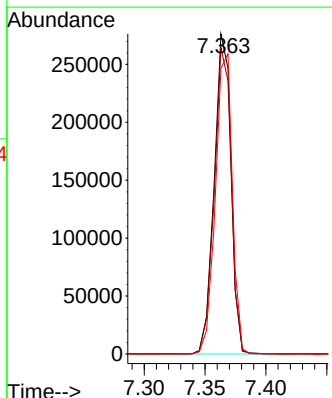
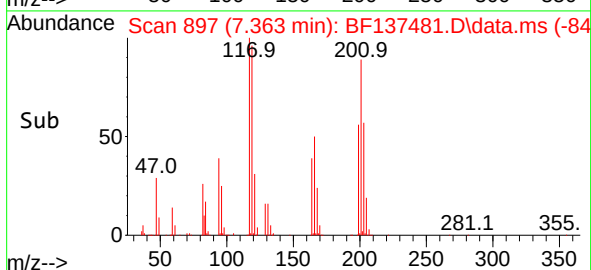
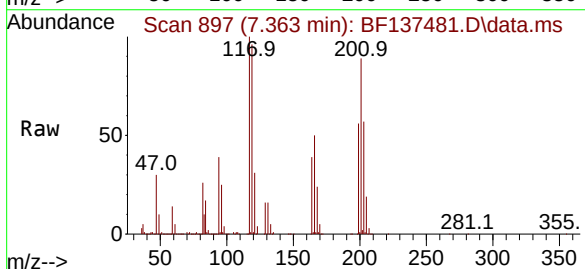


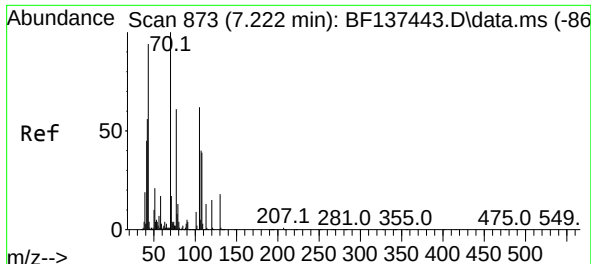
Tgt Ion:107 Resp: 600720
Ion Ratio Lower Upper
107 100
108 114.8 92.2 138.4
77 54.2 38.6 57.8
79 52.6 38.8 58.2



#18
Hexachloroethane
Concen: 47.408 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:117 Resp: 267130
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 89.3 80.6 121.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.201 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion: 70 Resp: 544996

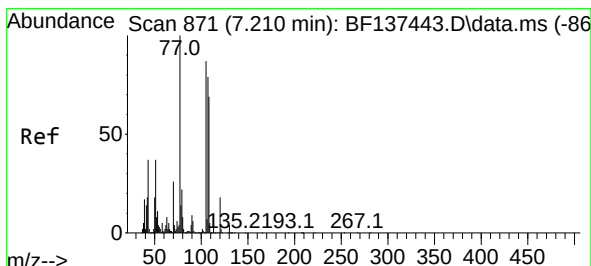
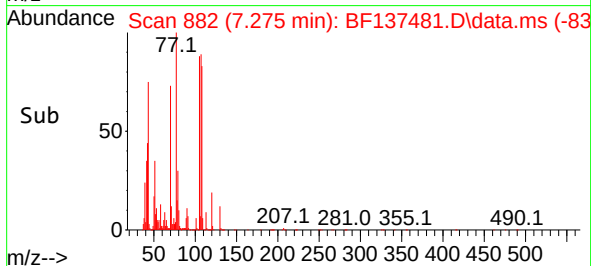
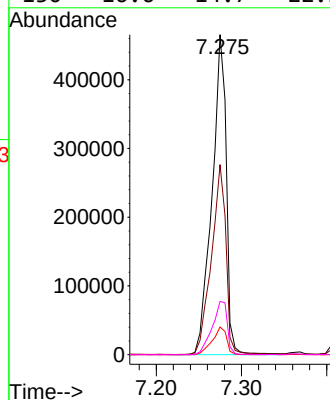
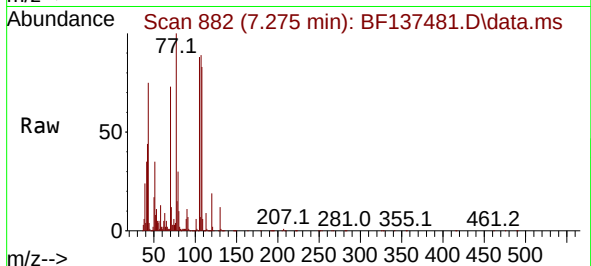
Ion Ratio Lower Upper

70 100

42 59.4 45.2 67.8

101 8.6 7.3 10.9

130 16.6 14.7 22.1



#20

3+4-Methylphenols

Concen: 41.201 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Tgt Ion: 107 Resp: 691110

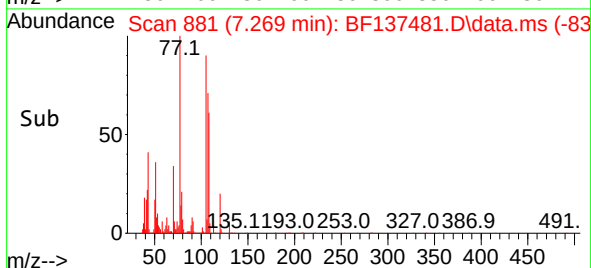
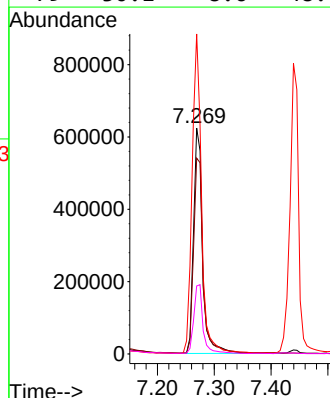
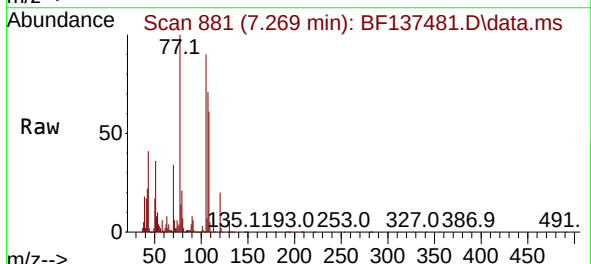
Ion Ratio Lower Upper

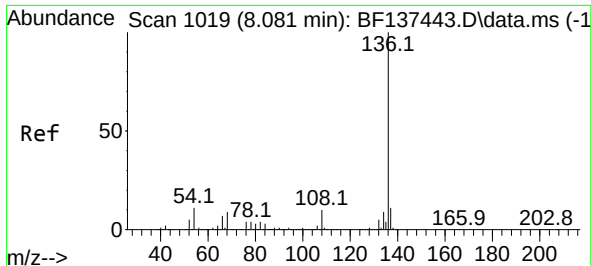
107 100

108 86.7 67.6 107.6

77 141.6 107.1 147.1

79 30.1 8.6 48.6



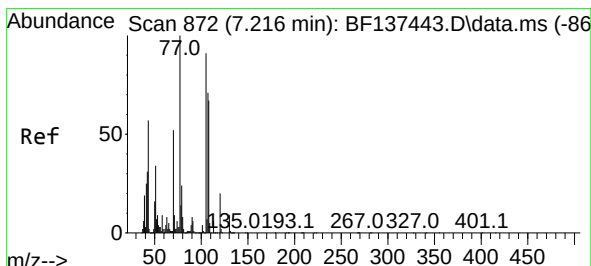
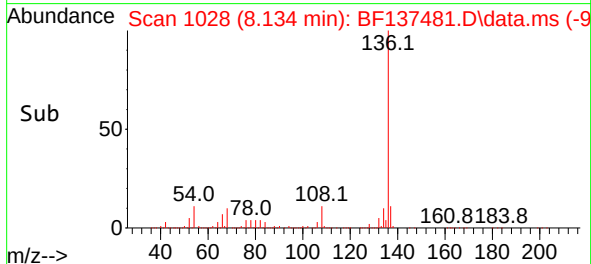
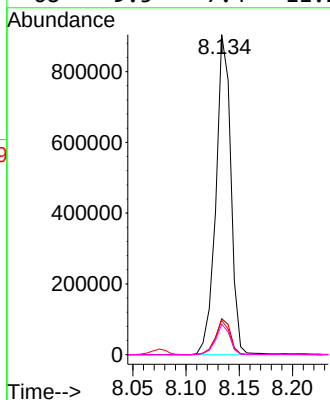
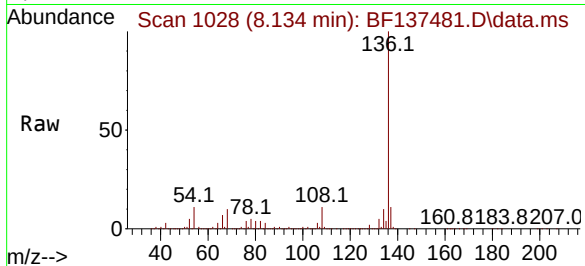


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

Tgt Ion:136 Resp: 882061

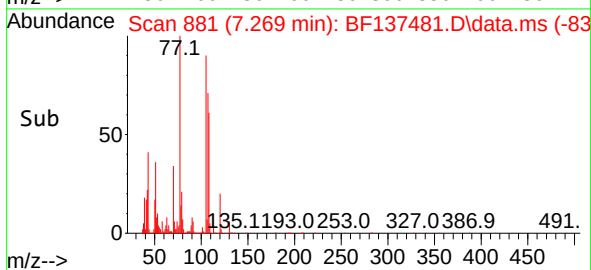
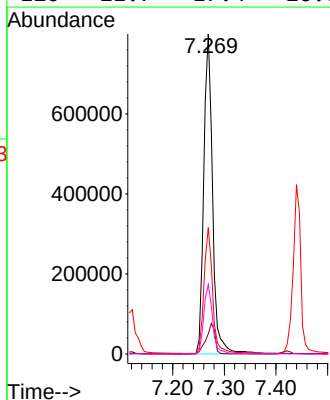
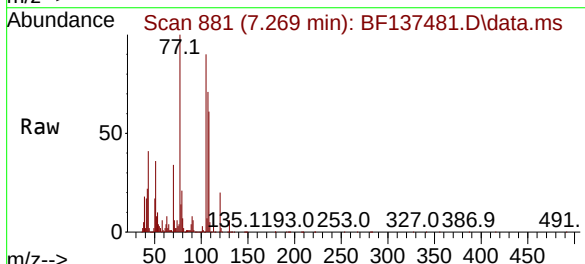
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	8.5	12.7
68	9.5	7.4	11.2

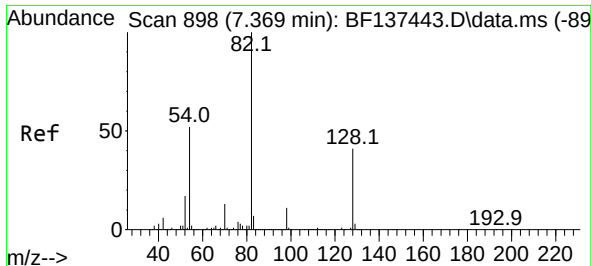


#22
Acetophenone
Concen: 44.552 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:105 Resp: 950828

Ion	Ratio	Lower	Upper
105	100		
71	6.3	7.7	11.5#
51	39.5	30.4	45.6
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 54.588 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

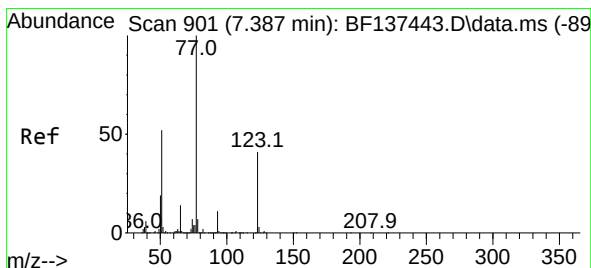
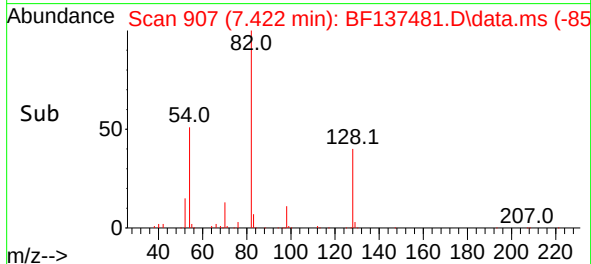
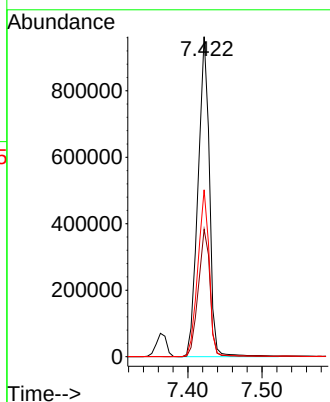
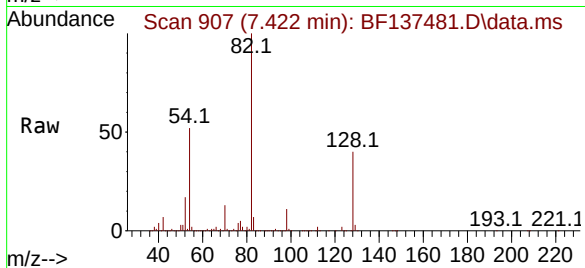
Tgt Ion: 82 Resp: 1036280

Ion Ratio Lower Upper

82 100

128 39.8 32.5 48.7

54 52.2 41.5 62.3



#24

Nitrobenzene

Concen: 44.606 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

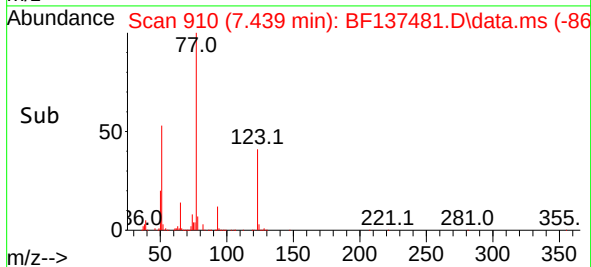
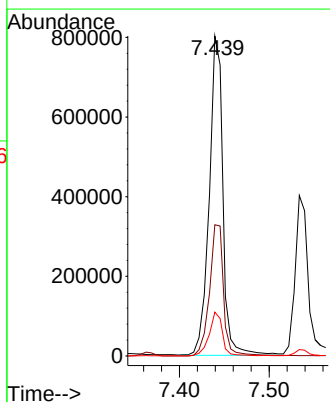
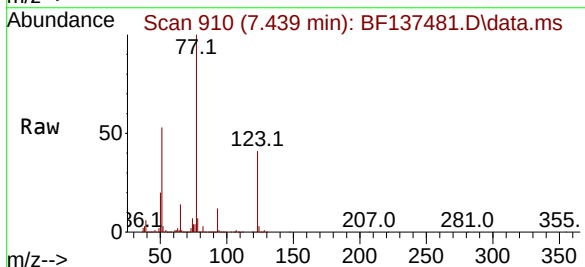
Tgt Ion: 77 Resp: 850635

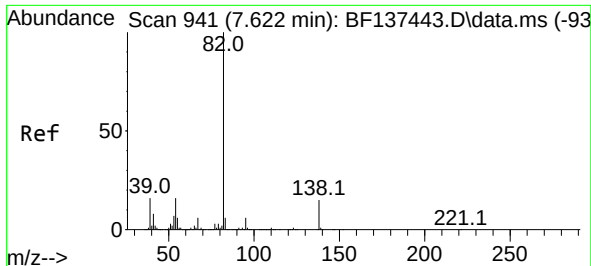
Ion Ratio Lower Upper

77 100

123 41.0 33.0 49.6

65 13.7 10.9 16.3

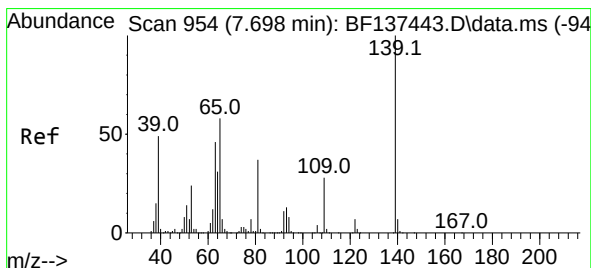
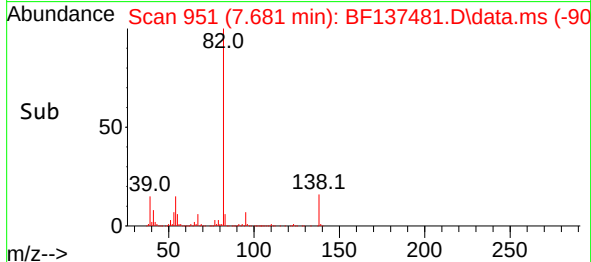
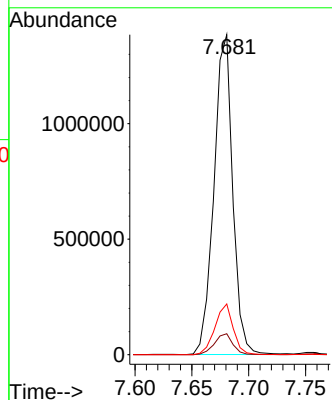
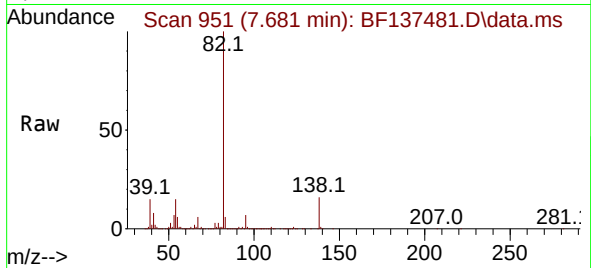




#25
Isophorone
Concen: 44.078 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

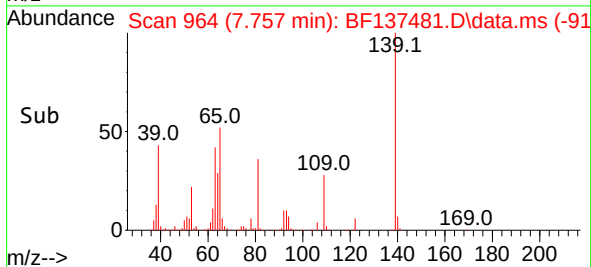
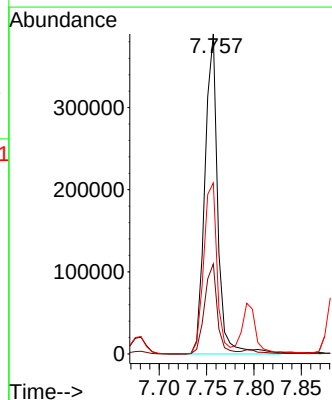
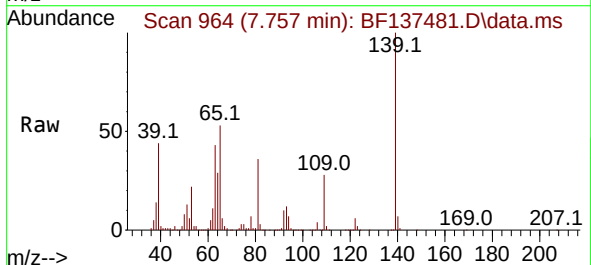
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

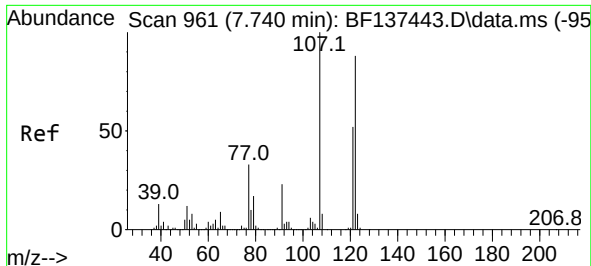
Tgt Ion: 82 Resp: 1589725
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 15.9 11.8 17.8



#26
2-Nitrophenol
Concen: 48.664 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

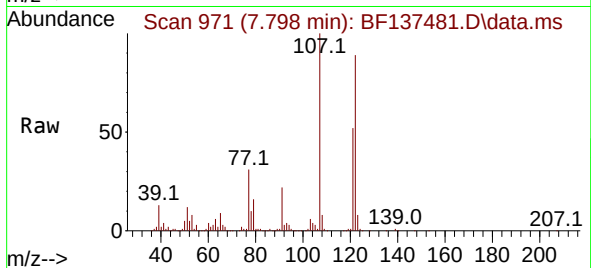
Tgt Ion:139 Resp: 368443
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 53.4 46.2 69.2



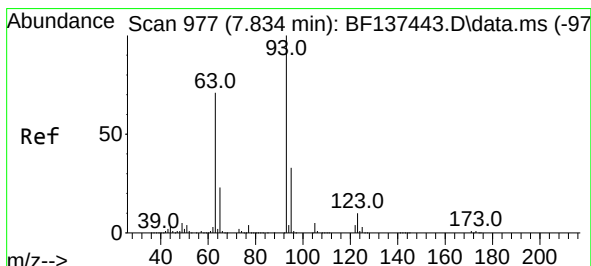
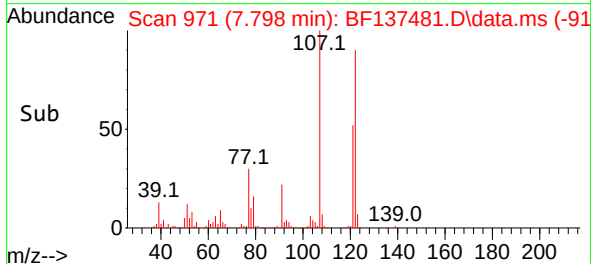
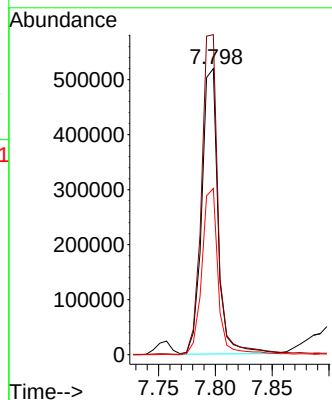


#27
2,4-Dimethylphenol
Concen: 36.684 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

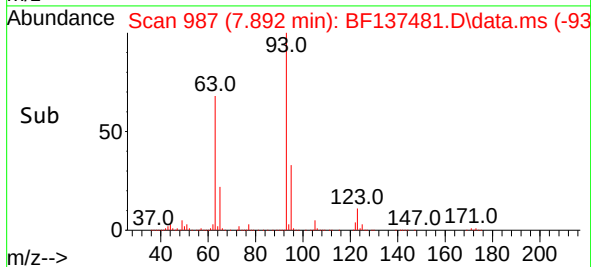
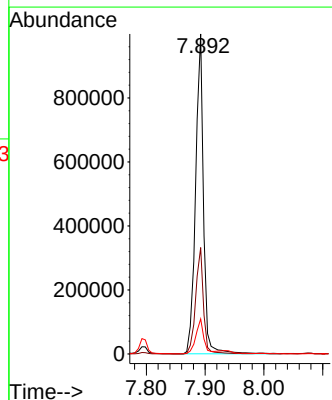
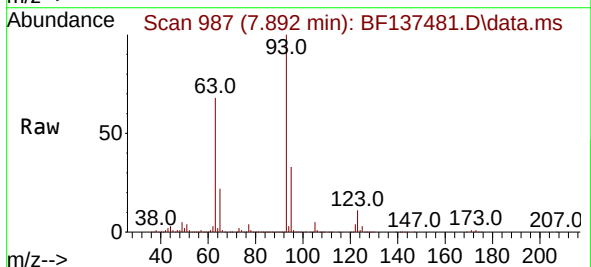


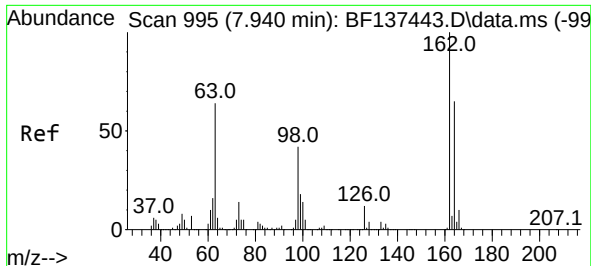
Tgt Ion:122 Resp: 518968
Ion Ratio Lower Upper
122 100
107 111.9 90.9 136.3
121 58.1 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.322 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion: 93 Resp: 937888
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 11.0 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.230 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

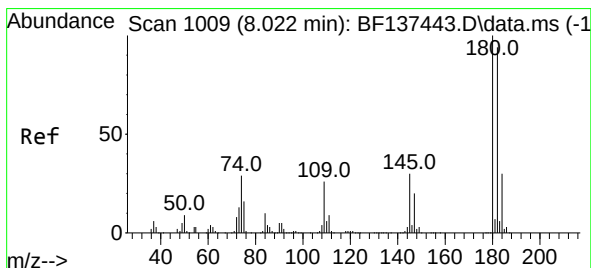
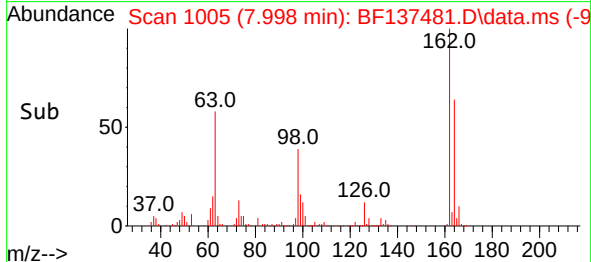
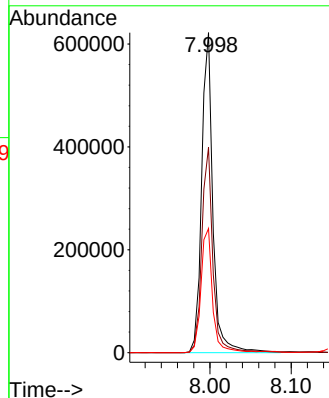
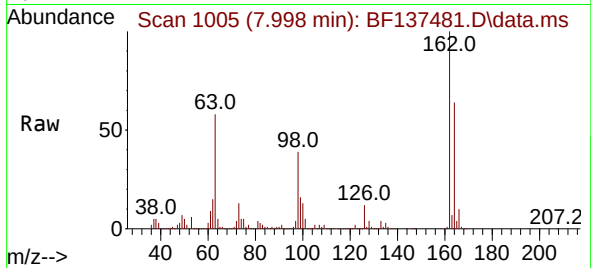
Tgt Ion:162 Resp: 600238

Ion Ratio Lower Upper

162 100

164 64.1 44.7 84.7

98 38.8 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 45.859 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

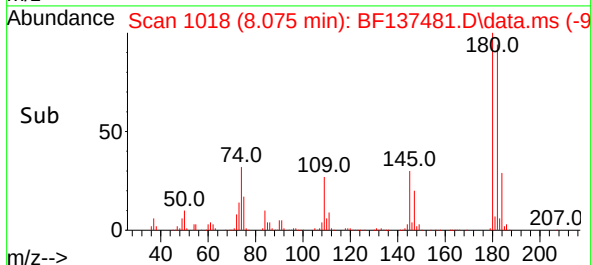
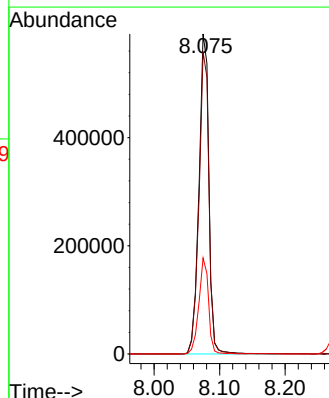
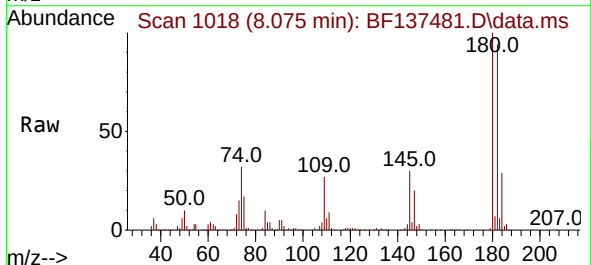
Tgt Ion:180 Resp: 626587

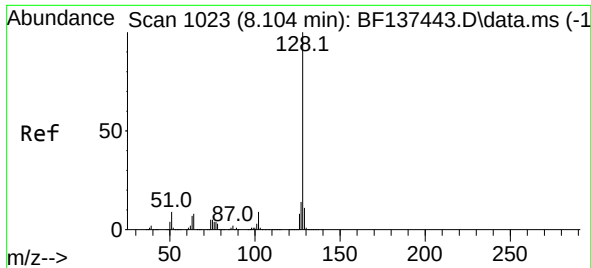
Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

145 30.0 23.7 35.5

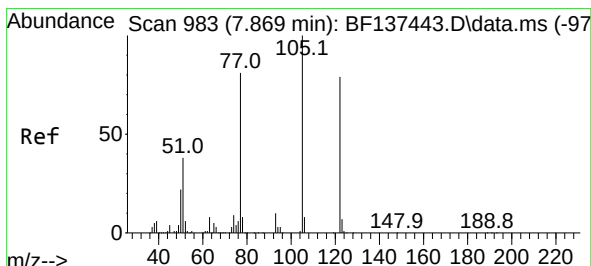
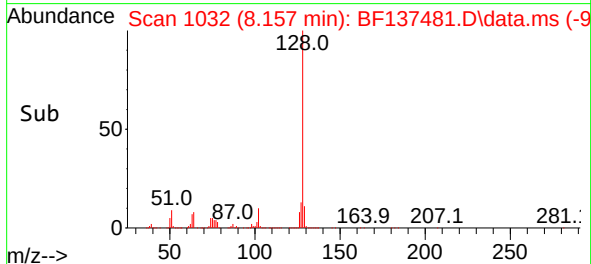
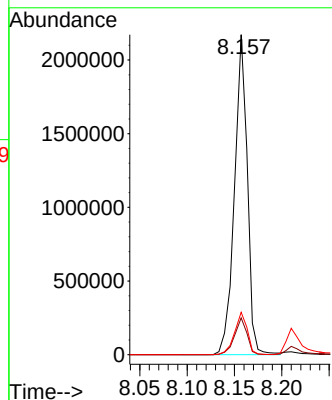
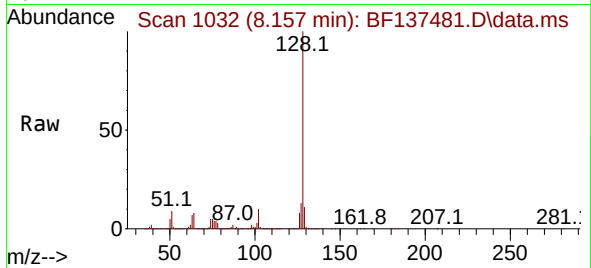




#31
Naphthalene
Concen: 43.299 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

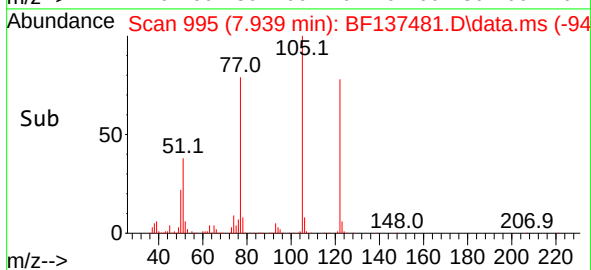
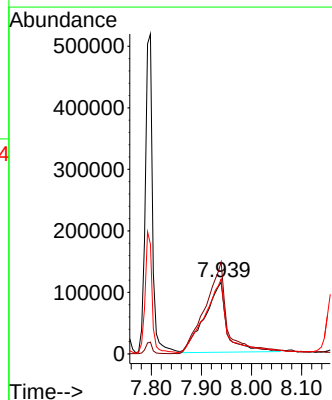
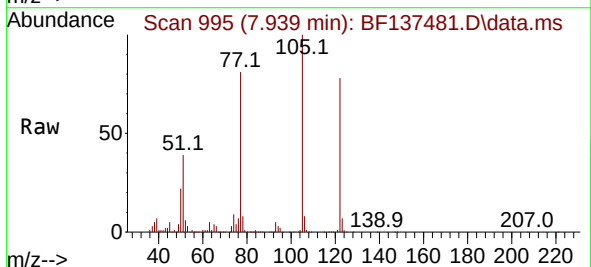
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

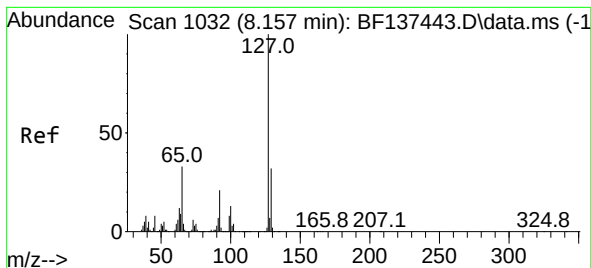
Tgt Ion:128 Resp: 2049160
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 43.871 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:122 Resp: 352335
Ion Ratio Lower Upper
122 100
105 128.4 102.4 142.4
77 104.5 81.1 121.1





#33

4-Chloroaniline

Concen: 11.201 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion:127 Resp: 207862

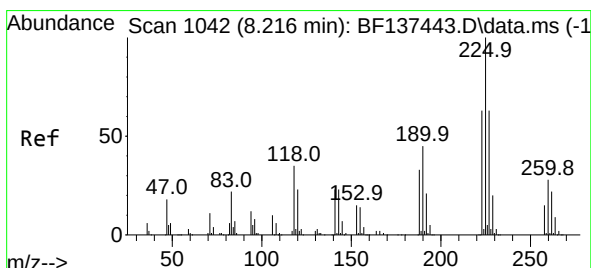
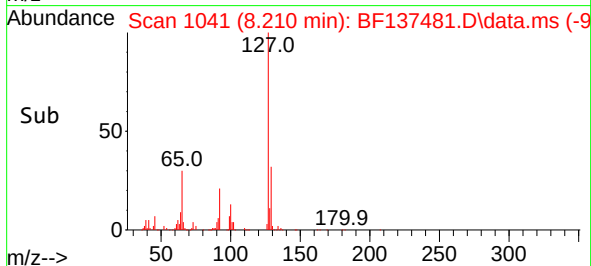
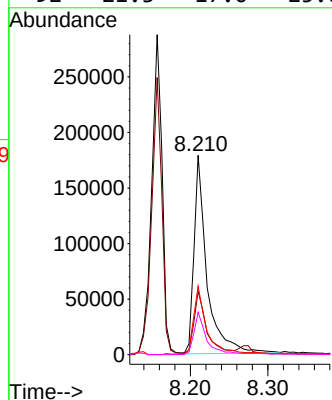
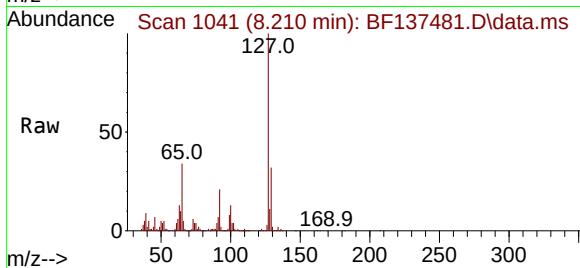
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 34.4 26.8 40.2

92 21.3 17.0 25.6



#34

Hexachlorobutadiene

Concen: 45.045 ng

RT: 8.275 min Scan# 1052

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

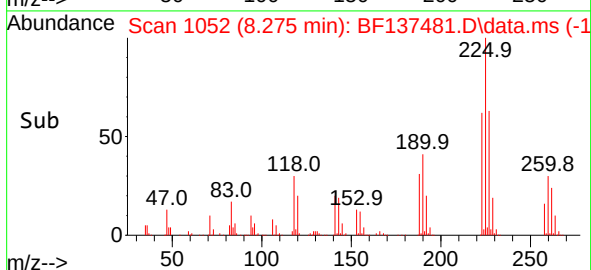
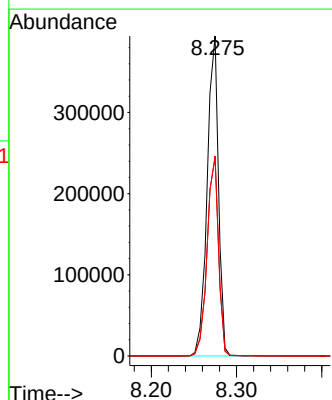
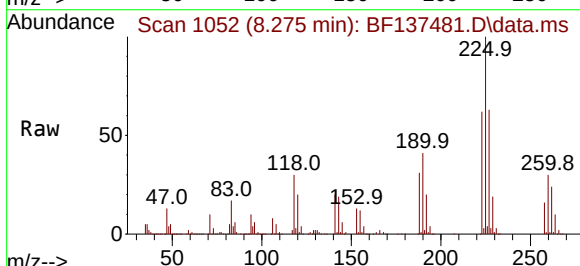
Tgt Ion:225 Resp: 363355

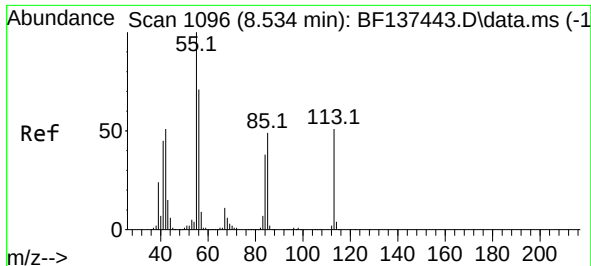
Ion Ratio Lower Upper

225 100

223 62.1 50.7 76.1

227 62.5 50.6 75.8

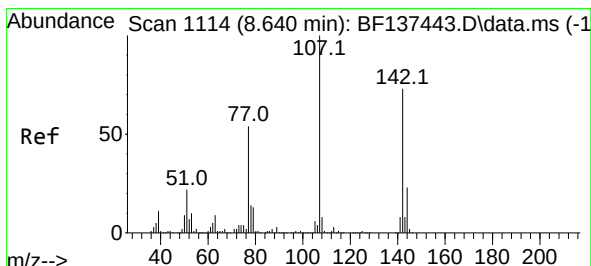
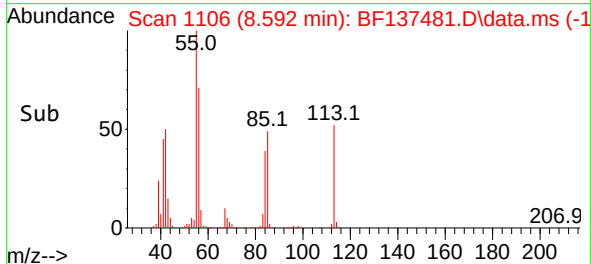
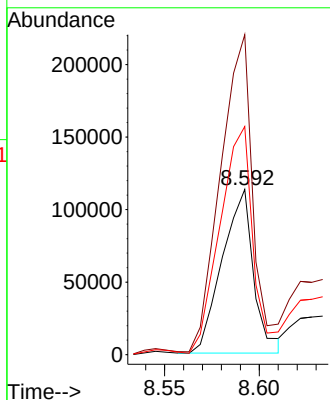
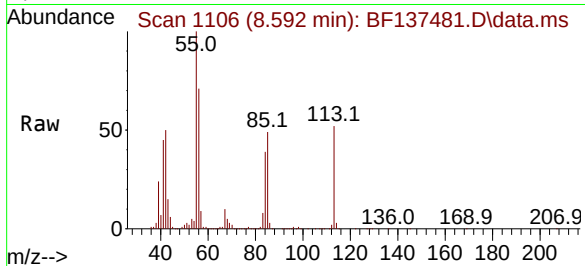




#35
Caprolactam
Concen: 29.566 ng
RT: 8.592 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

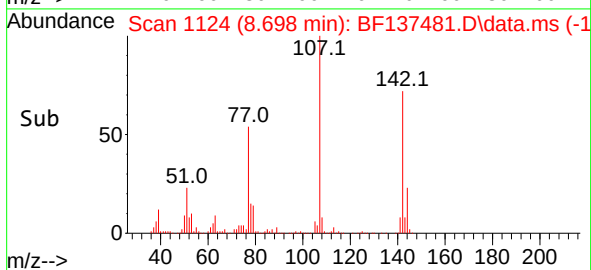
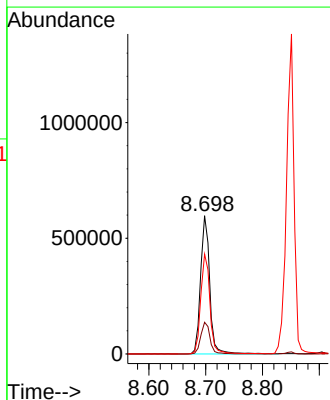
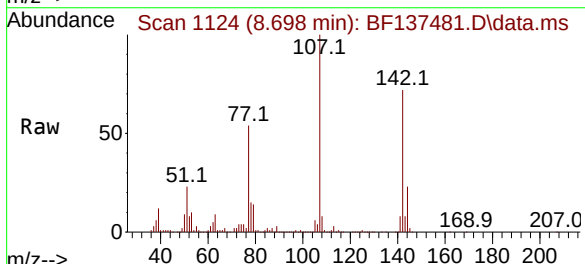
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

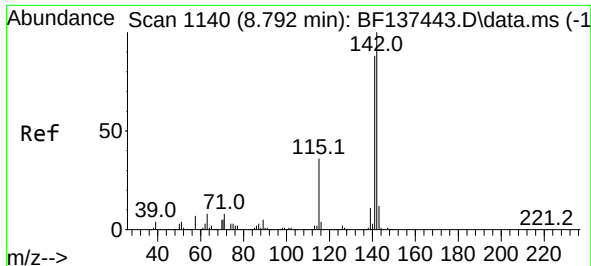
Tgt Ion:113 Resp: 130167
Ion Ratio Lower Upper
113 100
55 193.6 176.7 216.7
56 138.1 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 46.144 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:107 Resp: 669688
Ion Ratio Lower Upper
107 100
144 22.9 18.7 28.1
142 72.2 58.2 87.2





#37

2-Methylnaphthalene

Concen: 42.747 ng

RT: 8.851 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

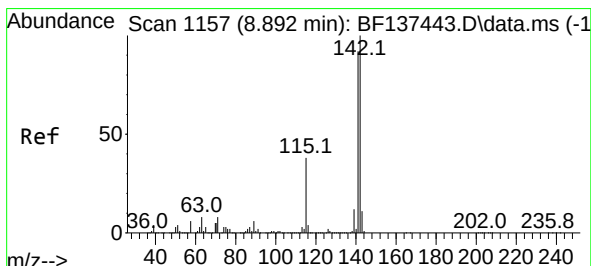
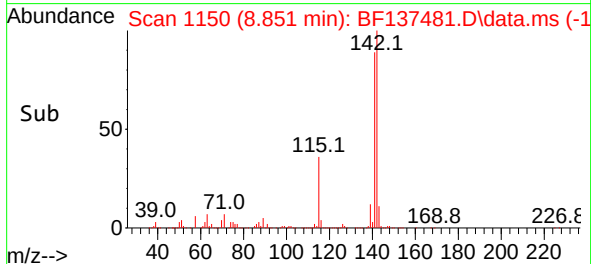
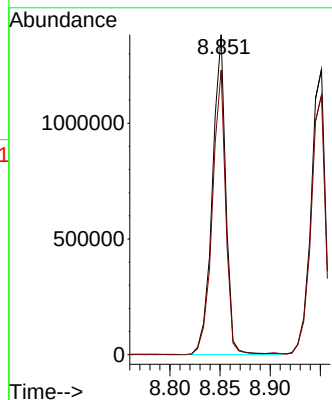
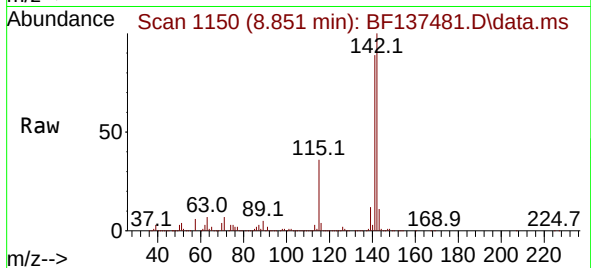
ETGI-352MSD

Tgt Ion:142 Resp: 1289657

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.682 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF137481.D

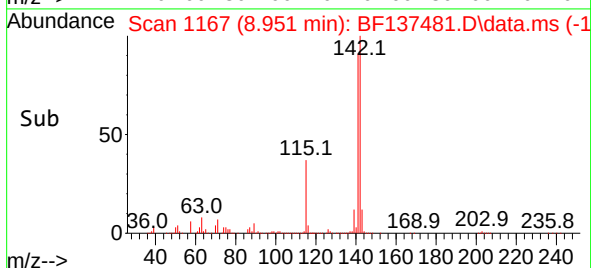
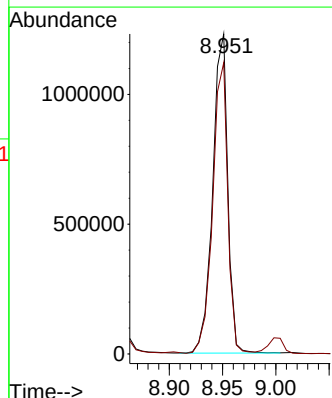
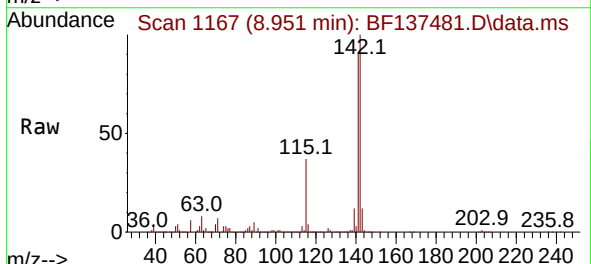
Acq: 04 Mar 2024 15:19

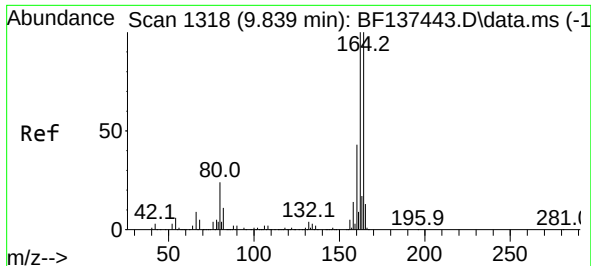
Tgt Ion:142 Resp: 1212690

Ion Ratio Lower Upper

142 100

141 91.0 73.4 110.2

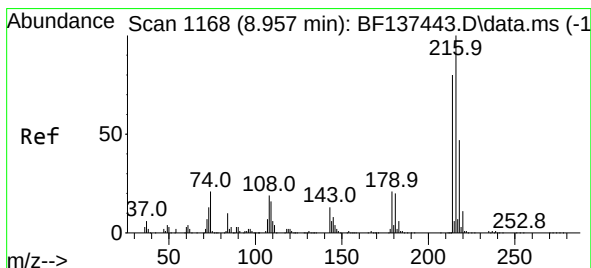
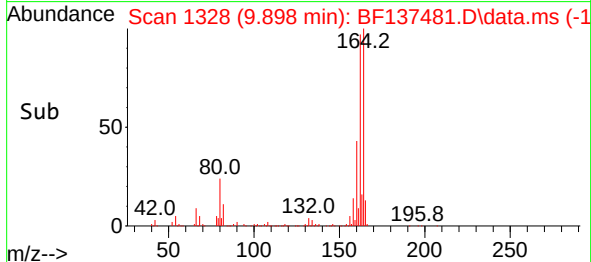
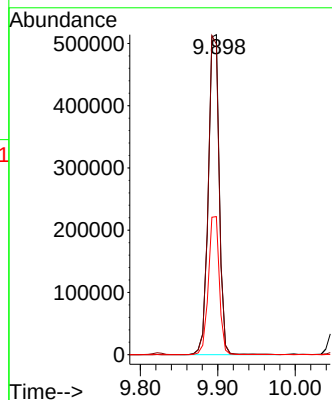
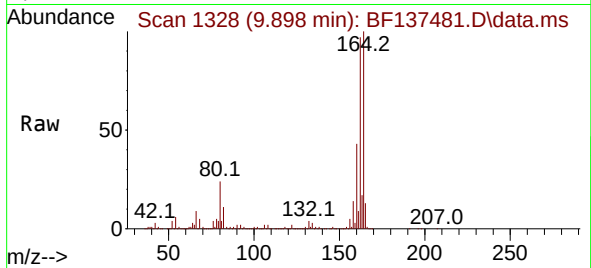




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

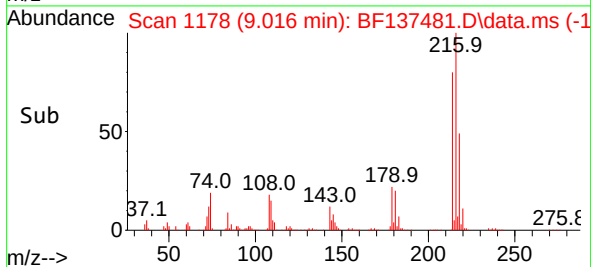
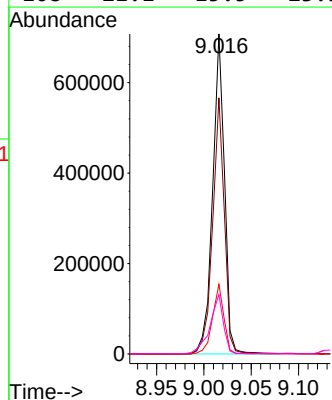
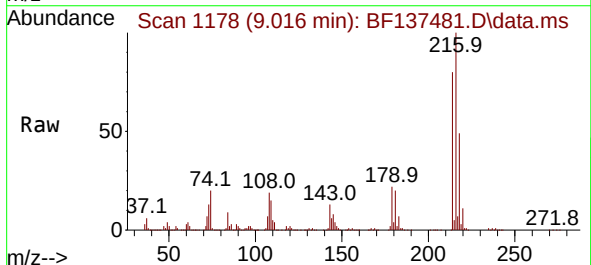
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

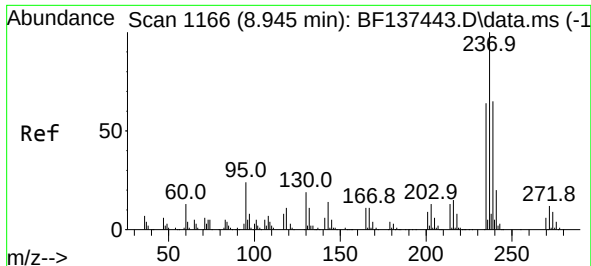
Tgt Ion:164 Resp: 505040
Ion Ratio Lower Upper
164 100
162 97.0 79.8 119.8
160 43.1 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.660 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:216 Resp: 615578
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 21.1 16.6 25.0
108 21.1 15.5 23.3

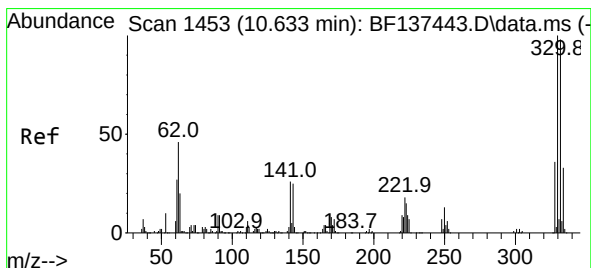
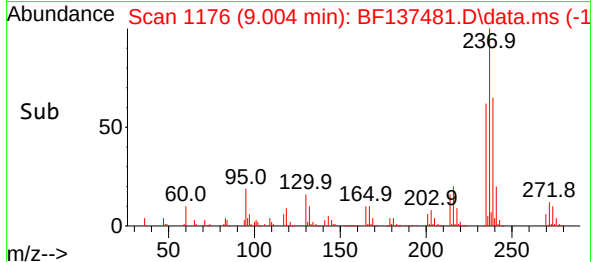
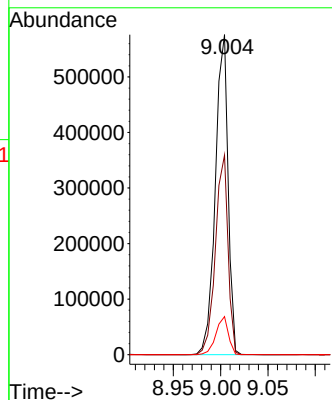
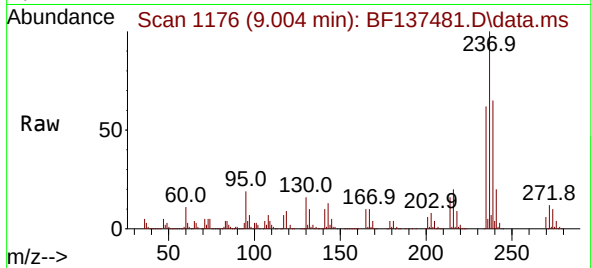




#41
Hexachlorocyclopentadiene
Concen: 91.834 ng
RT: 9.004 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

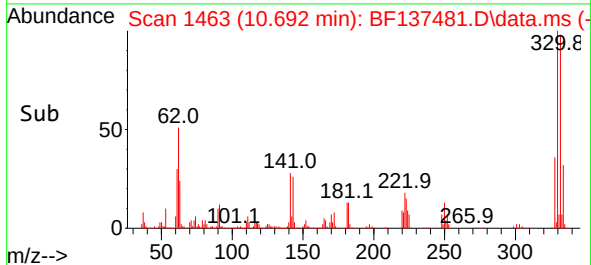
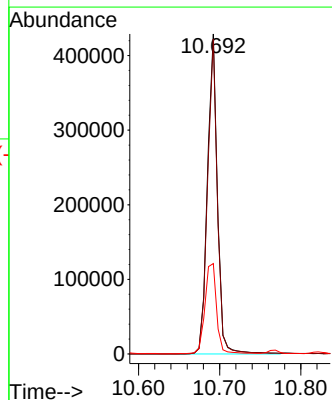
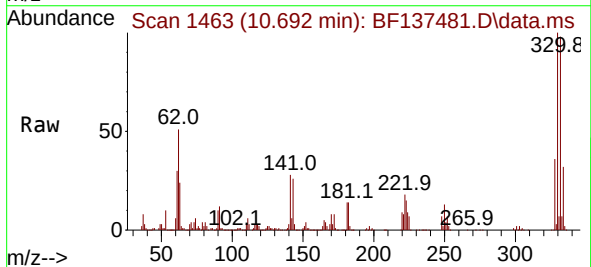
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

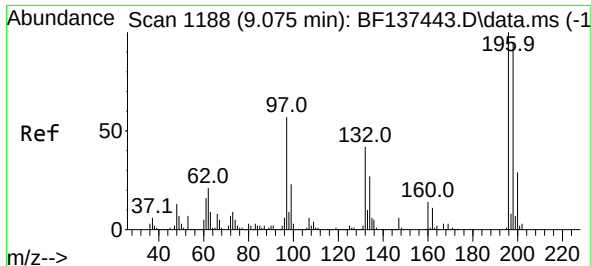
Tgt Ion:237 Resp: 536225
Ion Ratio Lower Upper
237 100
235 62.3 43.6 83.6
272 11.9 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 82.323 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:330 Resp: 365111
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 33.1 27.3 40.9

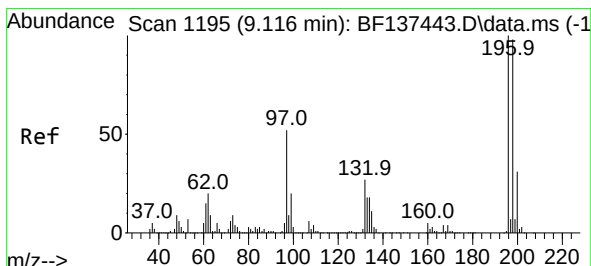
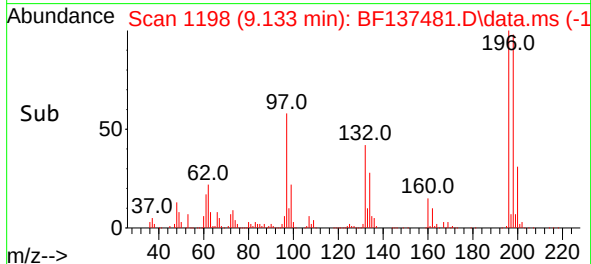
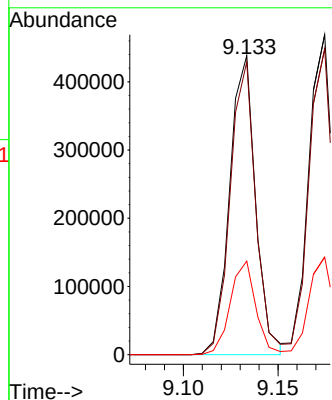
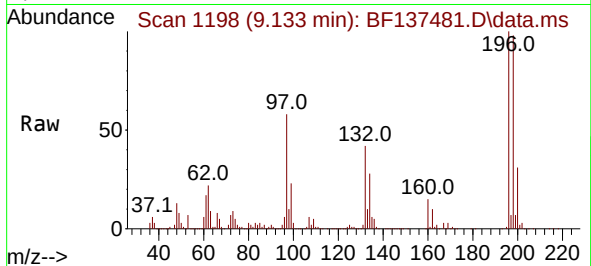




#43
2,4,6-Trichlorophenol
Concen: 45.412 ng
RT: 9.133 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

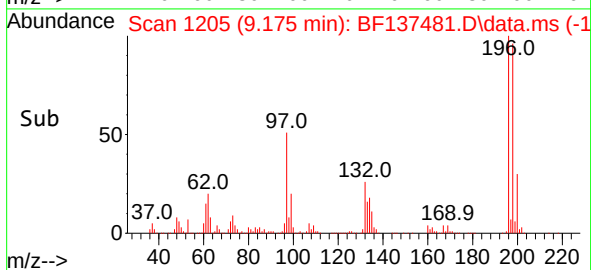
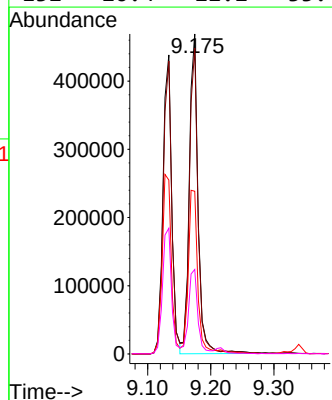
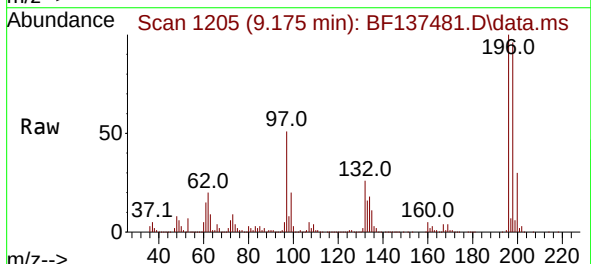
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

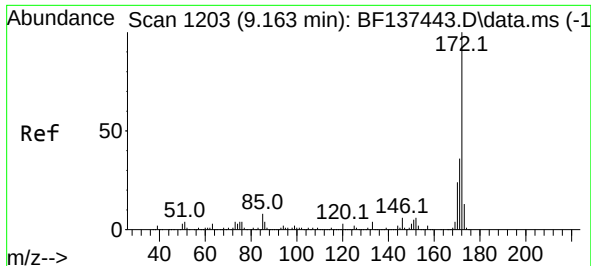
Tgt Ion:196 Resp: 416961
Ion Ratio Lower Upper
196 100
198 97.9 75.8 113.8
200 31.3 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 43.230 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:196 Resp: 457238
Ion Ratio Lower Upper
196 100
198 95.6 78.6 117.8
97 50.8 41.8 62.8
132 26.4 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 51.941 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

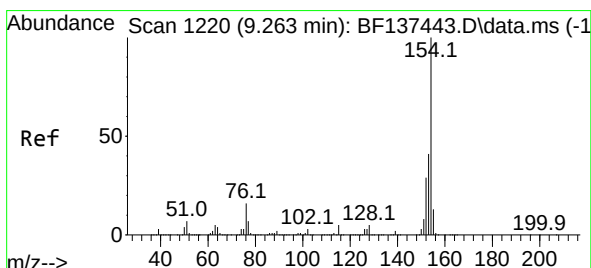
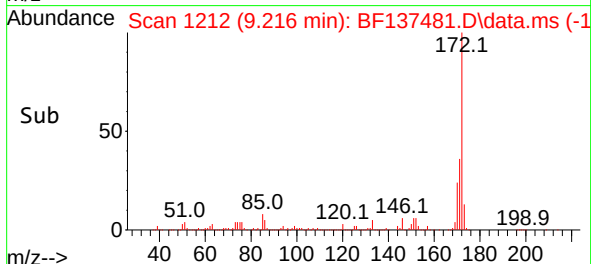
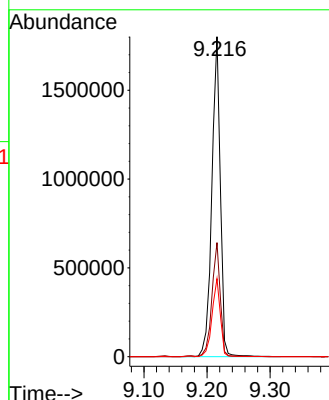
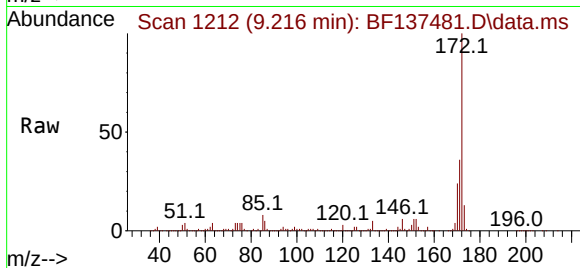
Tgt Ion:172 Resp: 1675787

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.597 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

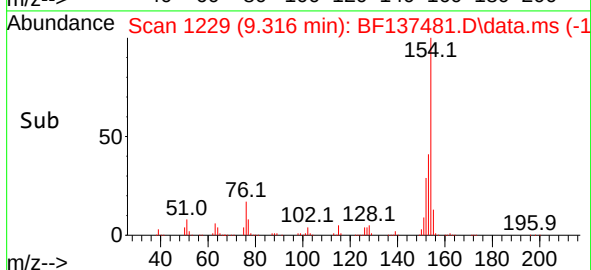
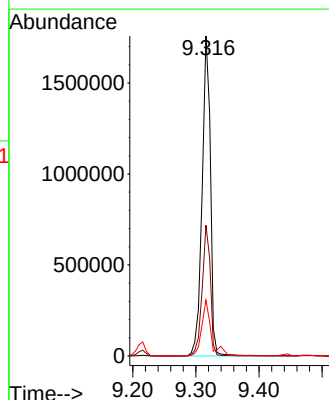
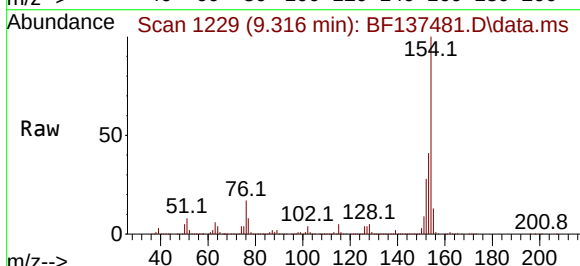
Tgt Ion:154 Resp: 1611554

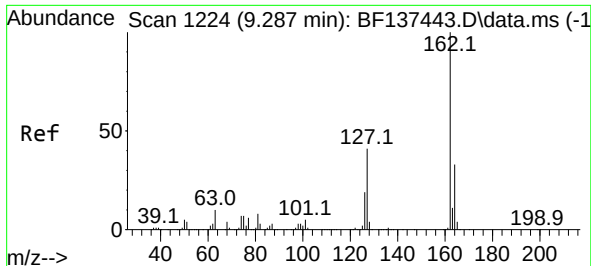
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

76 17.5 0.0 35.8





#47

2-Chloronaphthalene

Concen: 44.028 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

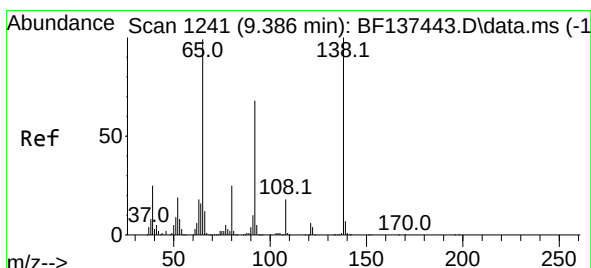
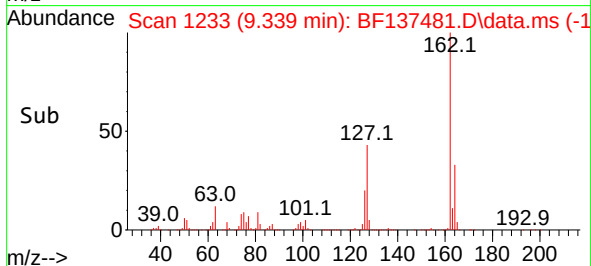
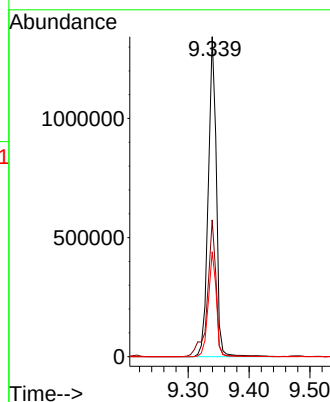
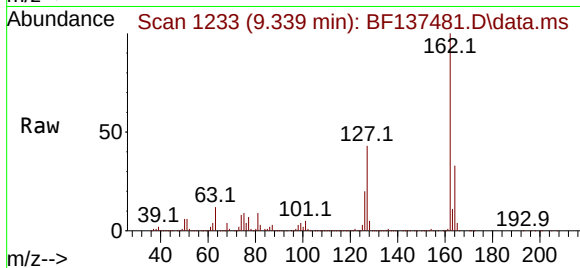
Tgt Ion:162 Resp: 1240815

Ion Ratio Lower Upper

162 100

127 42.8 32.6 49.0

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 46.883 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

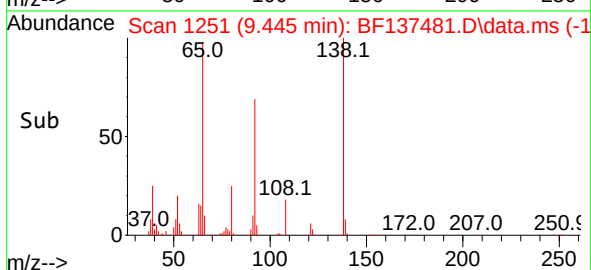
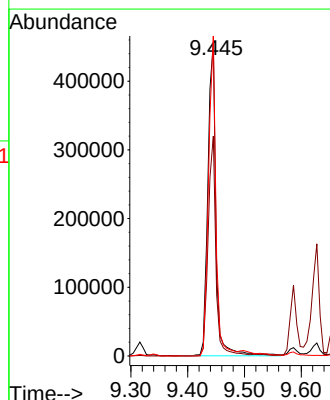
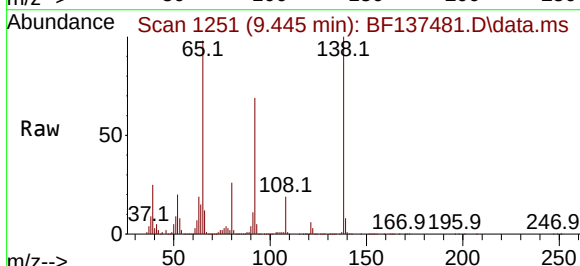
Tgt Ion: 65 Resp: 449090

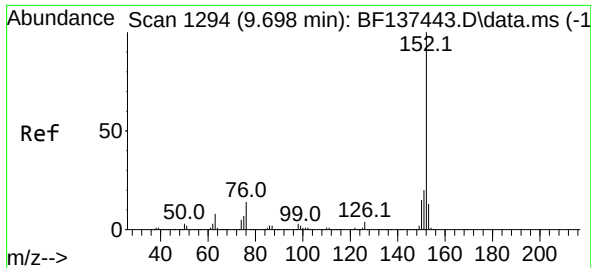
Ion Ratio Lower Upper

65 100

92 70.1 55.4 83.2

138 102.1 81.0 121.6





#49

Acenaphthylene

Concen: 44.300 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

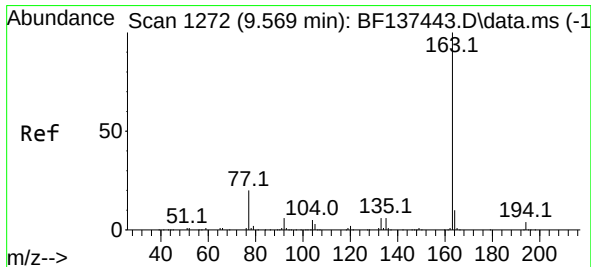
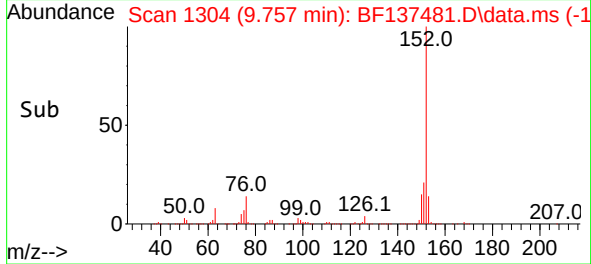
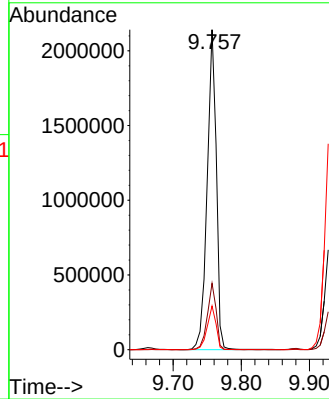
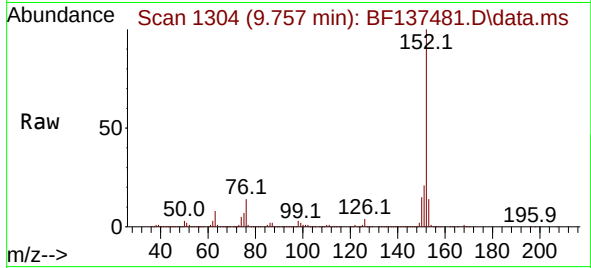
Tgt Ion:152 Resp: 1997996

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 43.232 ng

RT: 9.628 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

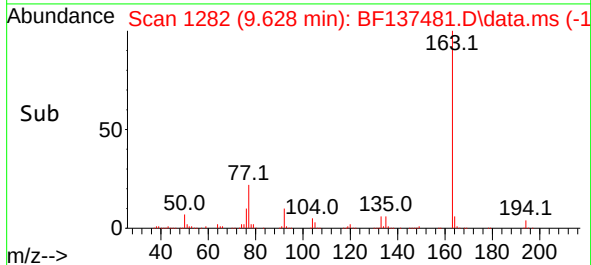
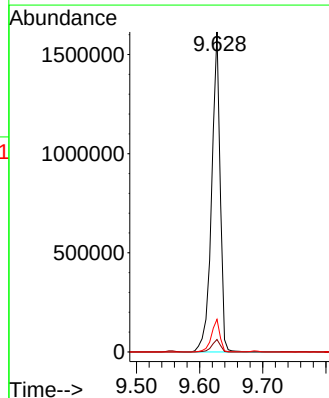
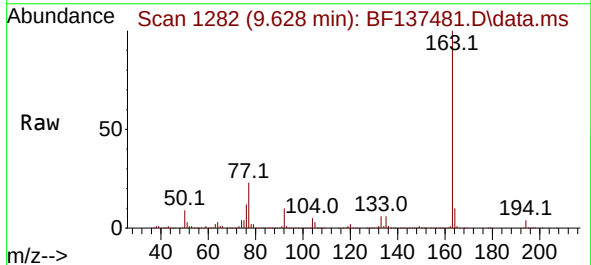
Tgt Ion:163 Resp: 1519899

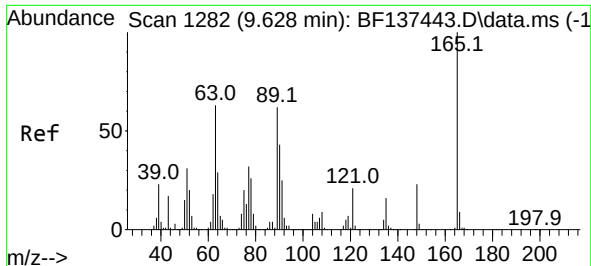
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 8.1 12.1

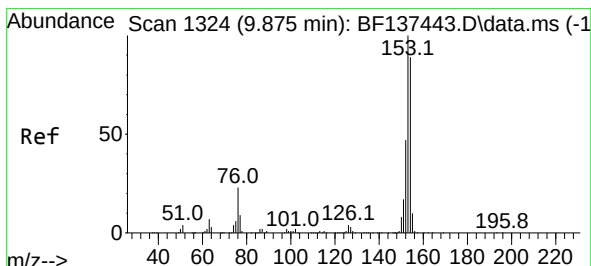
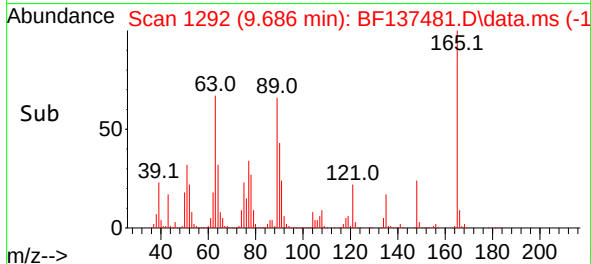
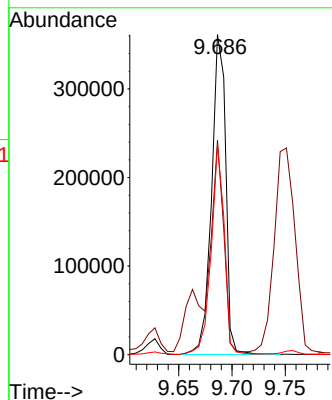
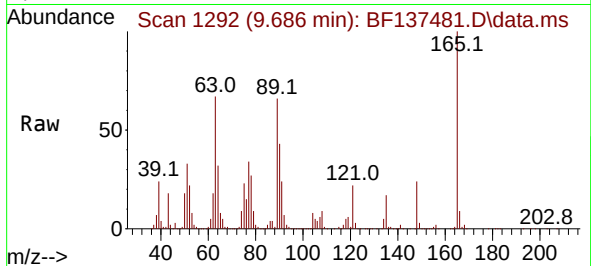




#51
2,6-Dinitrotoluene
Concen: 45.364 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

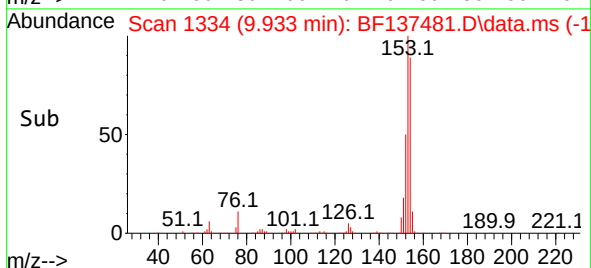
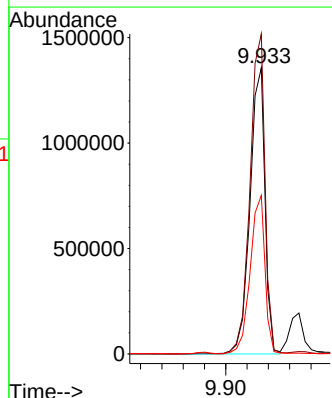
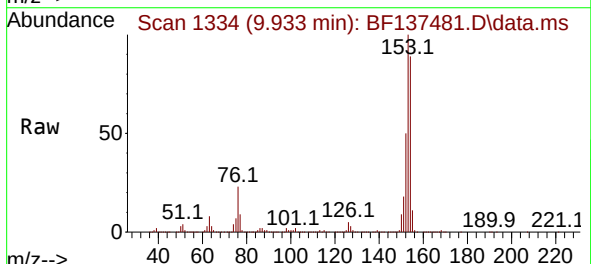
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

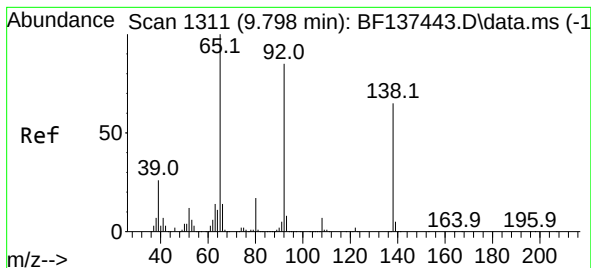
Tgt Ion:165 Resp: 333581
Ion Ratio Lower Upper
165 100
63 67.0 50.7 76.1
89 65.6 50.0 75.0



#52
Acenaphthene
Concen: 49.120 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:154 Resp: 1322609
Ion Ratio Lower Upper
154 100
153 111.8 90.3 135.5
152 55.4 42.7 64.1





#53

3-Nitroaniline

Concen: 25.113 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

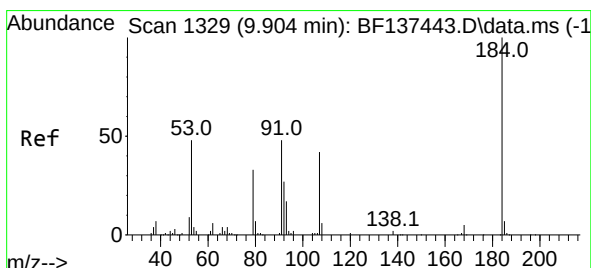
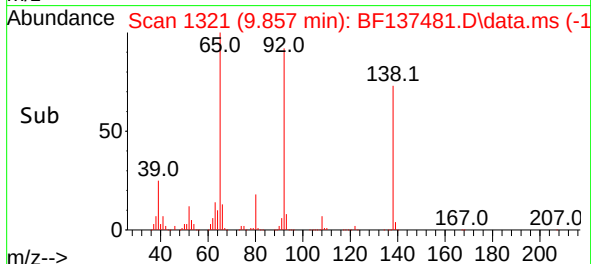
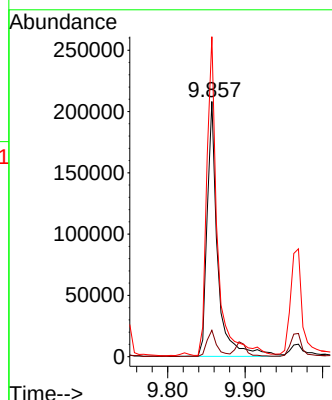
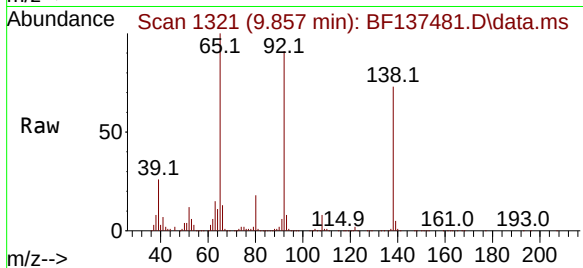
Tgt Ion:138 Resp: 195331

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

92 125.4 104.6 157.0



#54

2,4-Dinitrophenol

Concen: 87.976 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

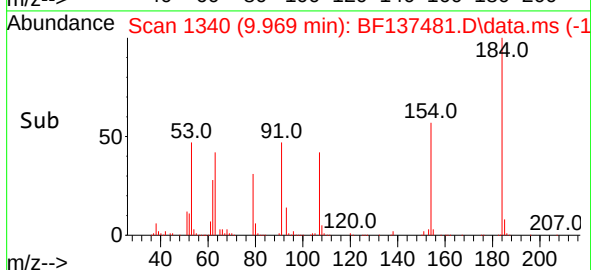
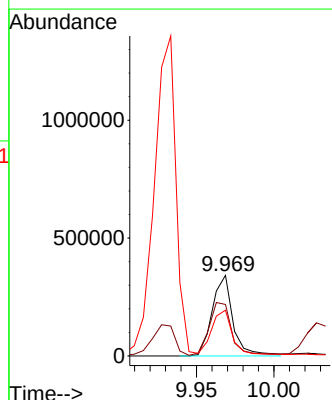
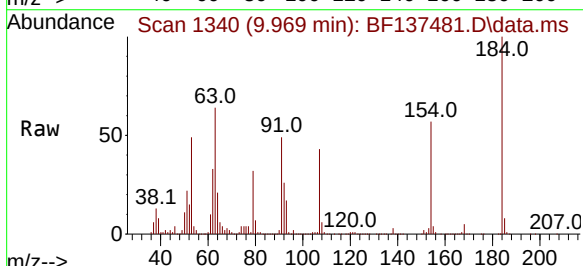
Tgt Ion:184 Resp: 318810

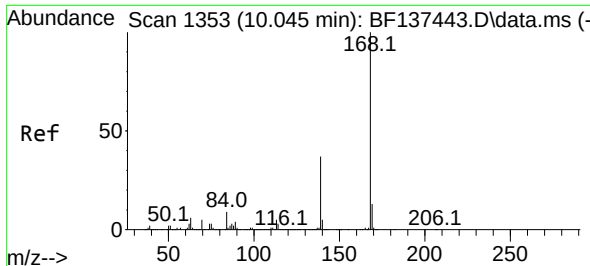
Ion Ratio Lower Upper

184 100

63 63.9 53.3 79.9

154 56.8 47.4 71.0

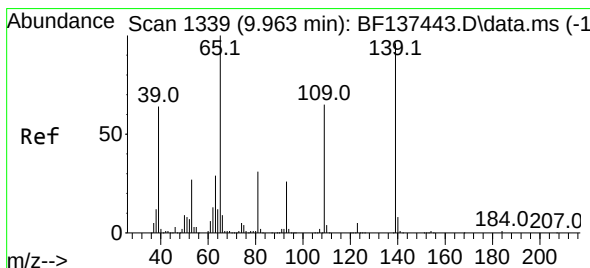
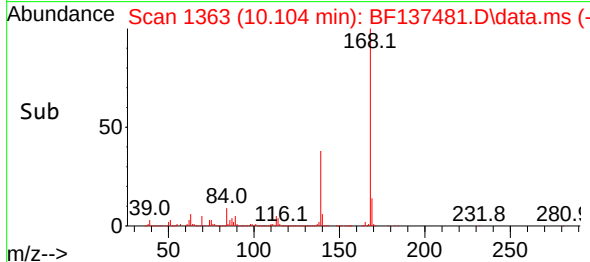
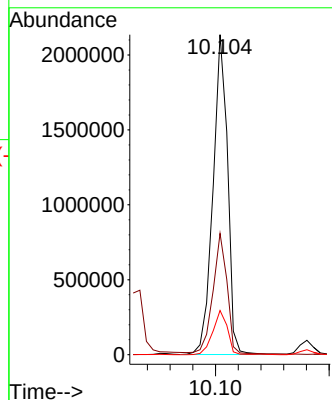
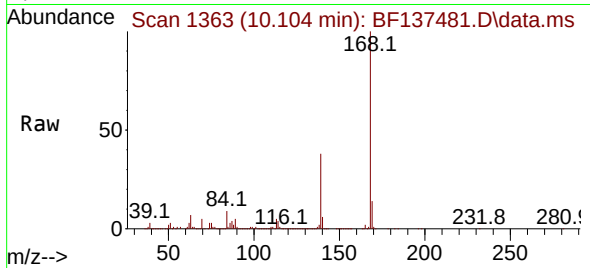




#55
Dibenzenofuran
Concen: 46.466 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

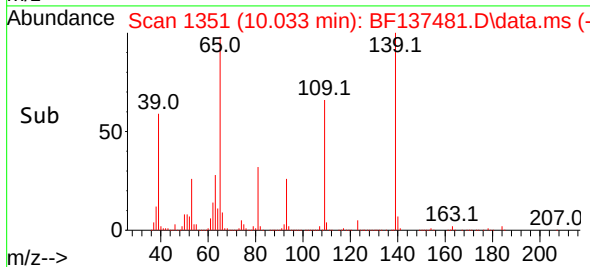
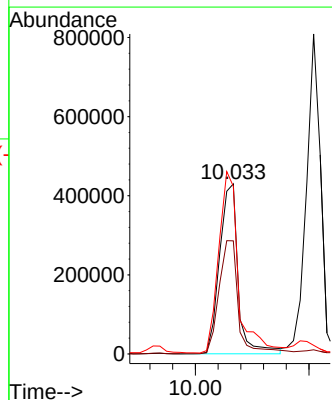
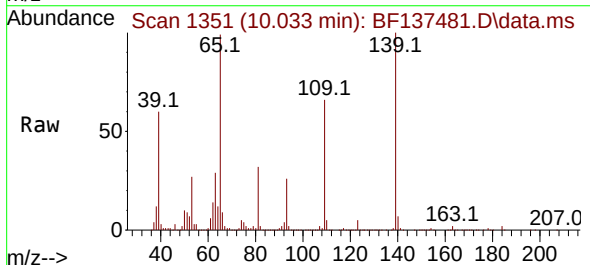
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

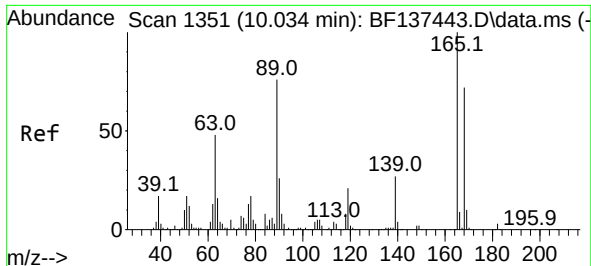
Tgt Ion:168 Resp: 1905567
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.6
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 88.001 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:139 Resp: 489623
Ion Ratio Lower Upper
139 100
109 66.5 47.1 87.1
65 98.6 85.1 125.1

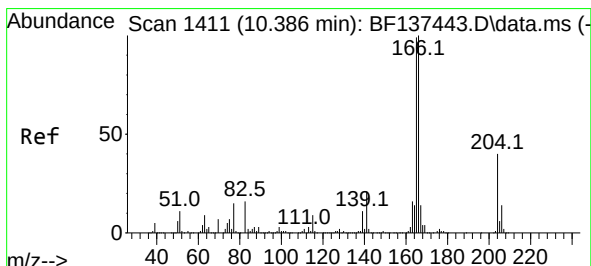
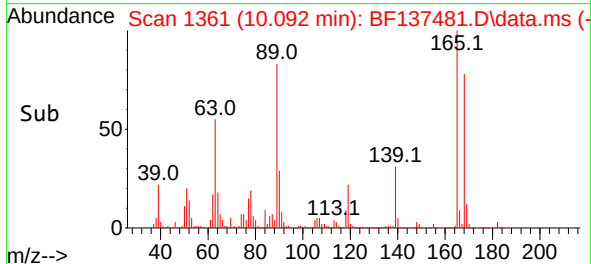
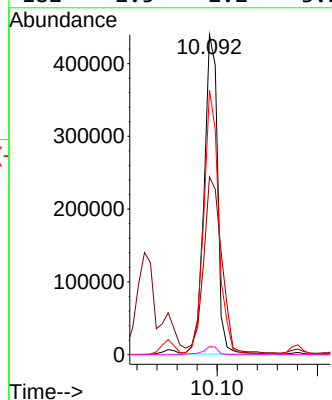
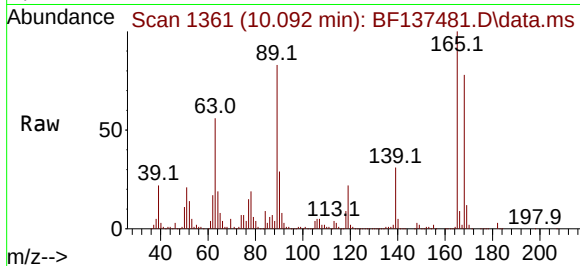




#57
2,4-Dinitrotoluene
Concen: 45.674 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

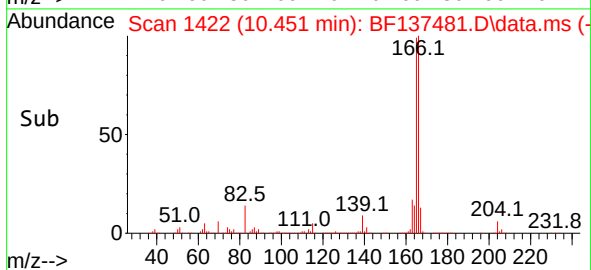
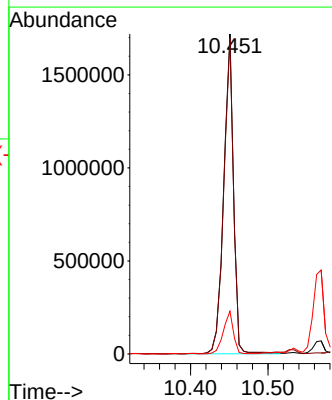
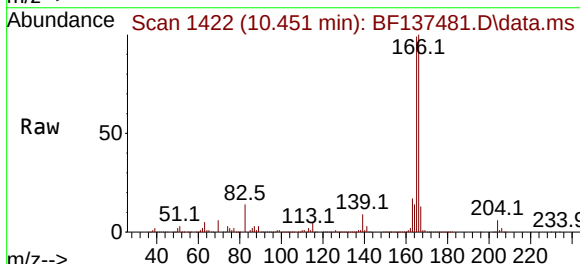
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

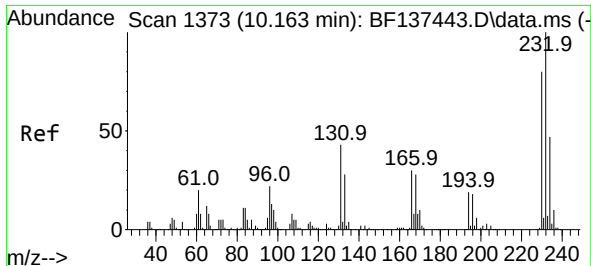
Tgt Ion:165 Resp: 412625
Ion Ratio Lower Upper
165 100
63 55.6 39.0 58.6
89 82.7 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 48.023 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:166 Resp: 1512480
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 13.3 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.495 ng

RT: 10.180 min Scan# 11

Delta R.T. -0.041 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion:232 Resp: 377387

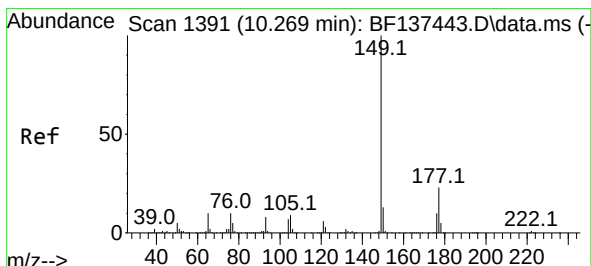
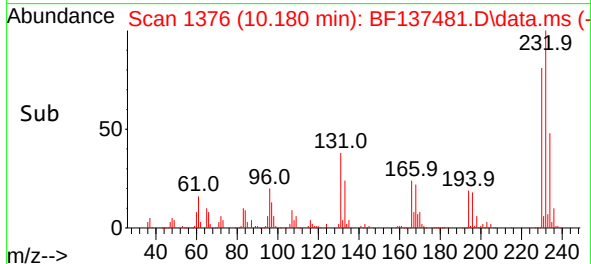
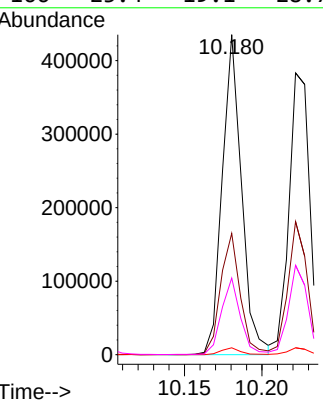
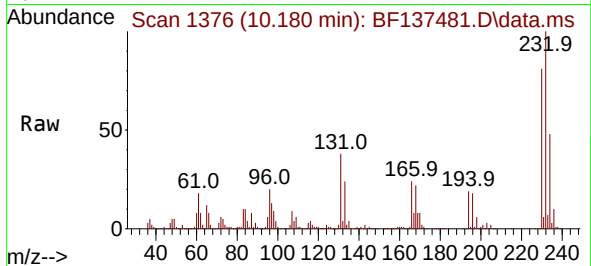
Ion Ratio Lower Upper

232 100

131 38.6 31.2 46.8

130 2.1 1.8 2.6

166 23.4 19.1 28.7



#60

Diethylphthalate

Concen: 42.691 ng

RT: 10.327 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

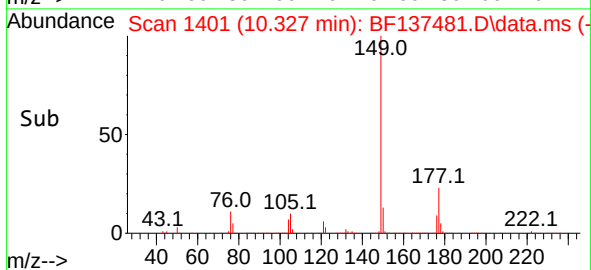
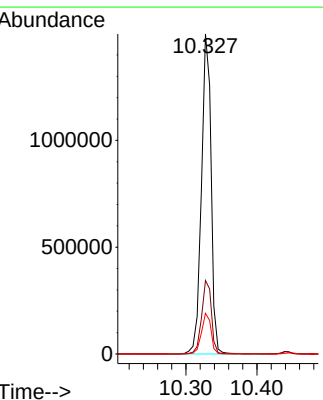
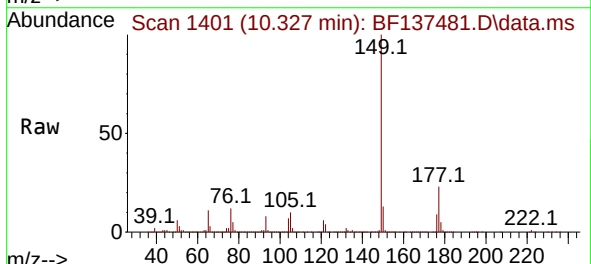
Tgt Ion:149 Resp: 1417329

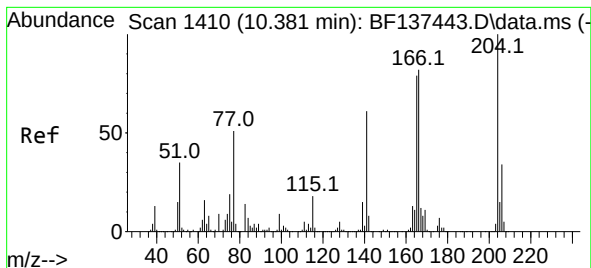
Ion Ratio Lower Upper

149 100

177 22.9 18.7 28.1

150 12.7 10.2 15.4

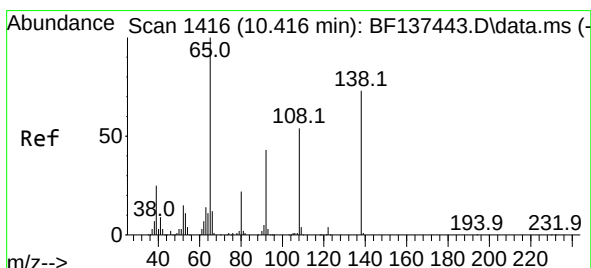
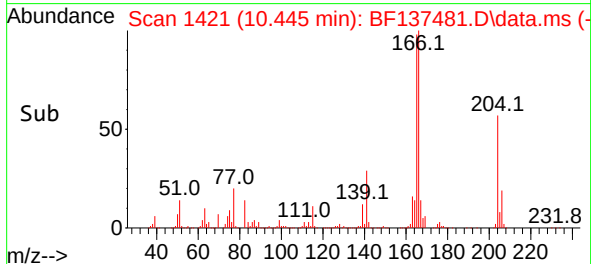
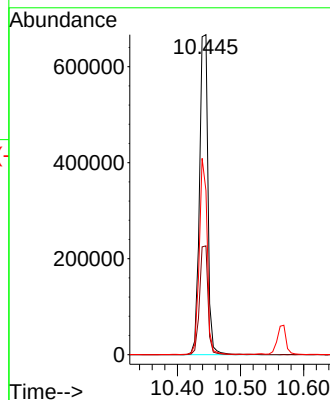
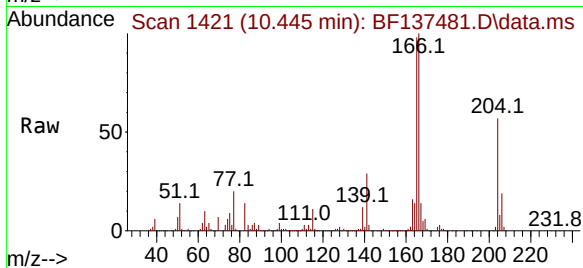




#61
4-Chlorophenyl-phenylether
Concen: 39.661 ng
RT: 10.445 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

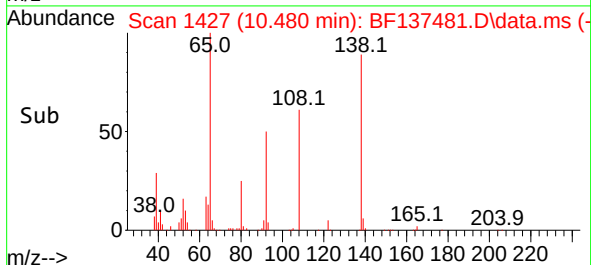
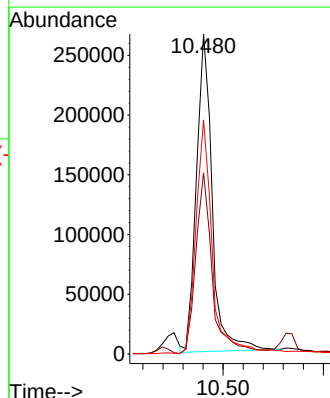
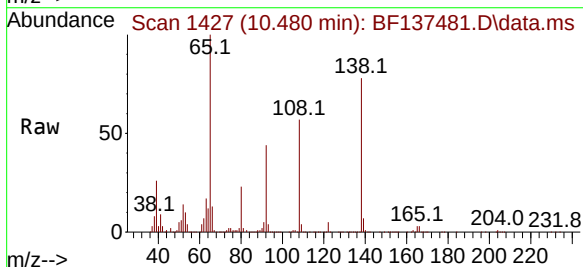
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

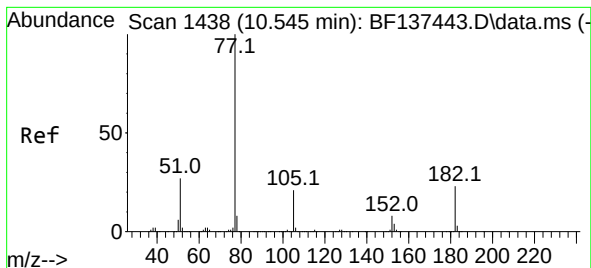
Tgt Ion:204 Resp: 612189
Ion Ratio Lower Upper
204 100
206 34.0 27.4 41.0
141 51.2 48.4 72.6



#62
4-Nitroaniline
Concen: 43.235 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:138 Resp: 289025
Ion Ratio Lower Upper
138 100
92 56.6 37.9 77.9
108 73.1 53.2 93.2





#63

Azobenzene

Concen: 42.419 ng

RT: 10.604 min Scan# 1438

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

Tgt Ion: 77 Resp: 1621644

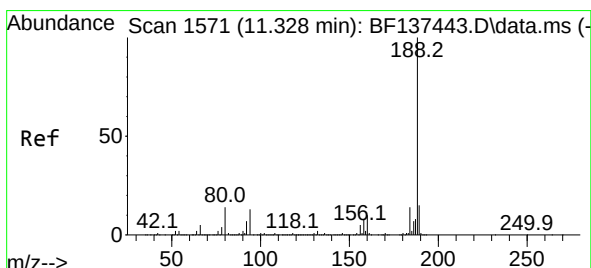
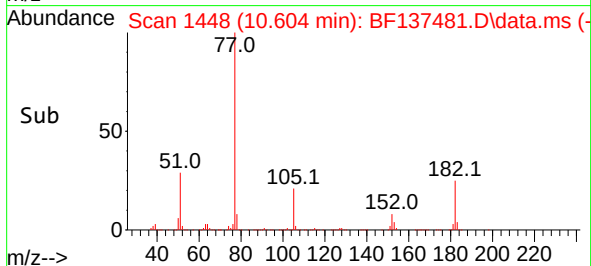
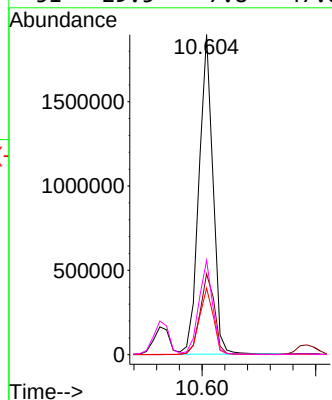
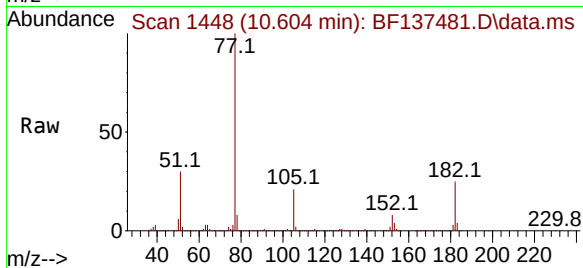
Ion Ratio Lower Upper

77 100

182 25.2 3.2 43.2

105 20.8 1.2 41.2

51 29.5 7.8 47.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

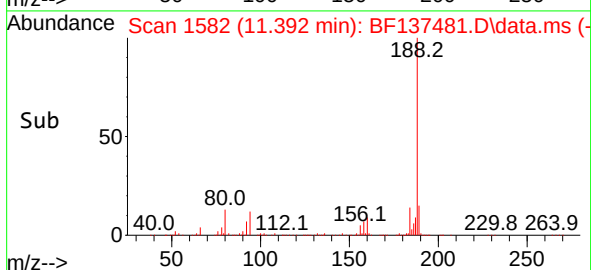
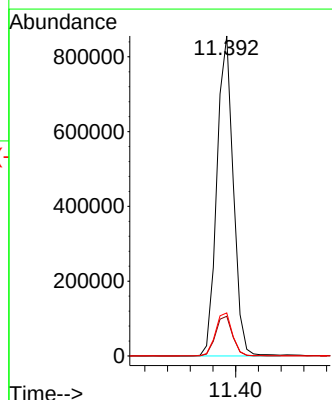
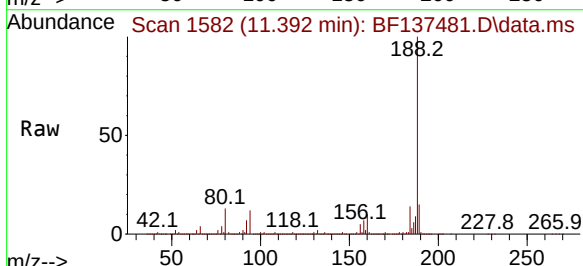
Tgt Ion: 188 Resp: 857494

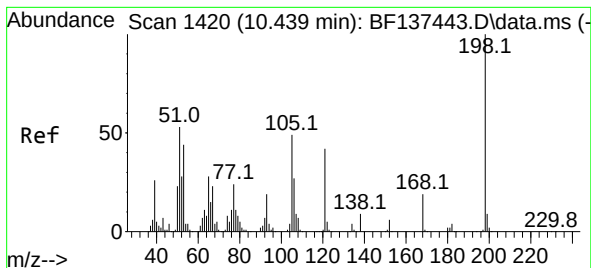
Ion Ratio Lower Upper

188 100

94 12.4 10.6 15.8

80 13.5 11.5 17.3

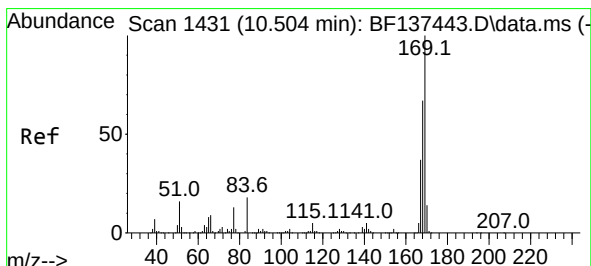
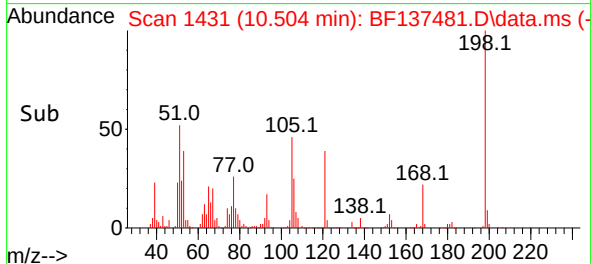
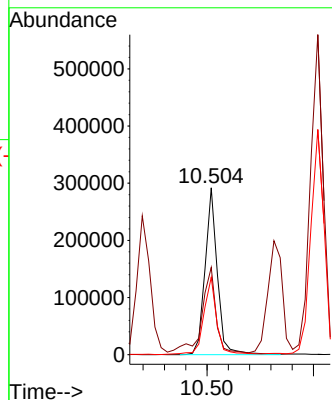
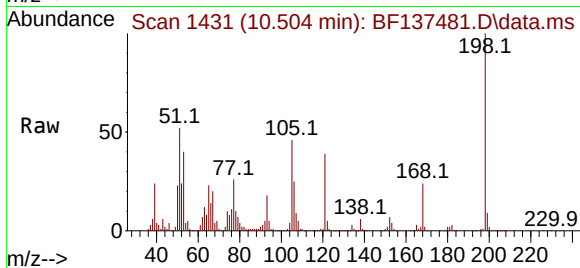




#65
4,6-Dinitro-2-methylphenol
Concen: 49.201 ng
RT: 10.504 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

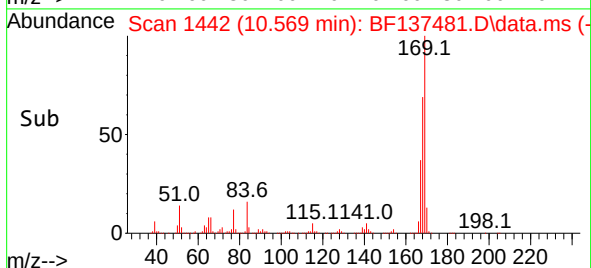
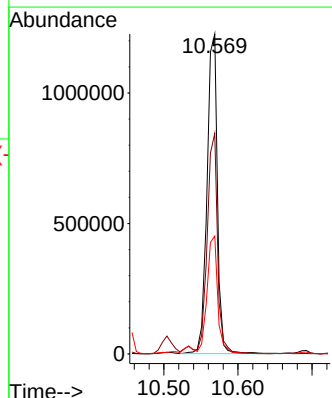
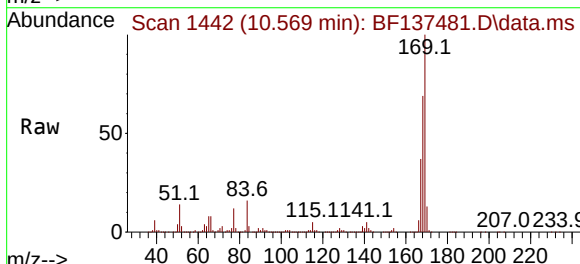
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

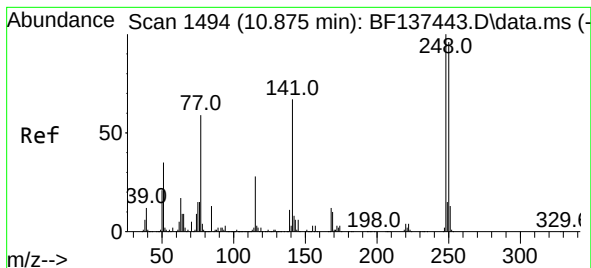
Tgt Ion:198 Resp: 235143
Ion Ratio Lower Upper
198 100
51 52.2 37.2 77.2
105 46.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 43.038 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:169 Resp: 1188379
Ion Ratio Lower Upper
169 100
168 68.9 53.8 80.6
167 36.8 29.6 44.4

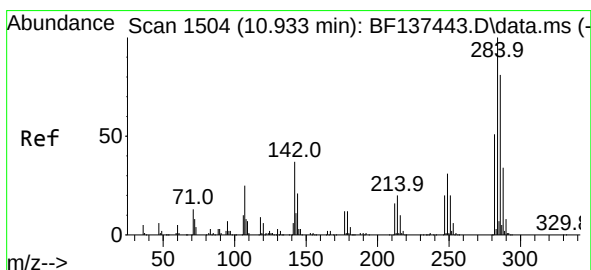
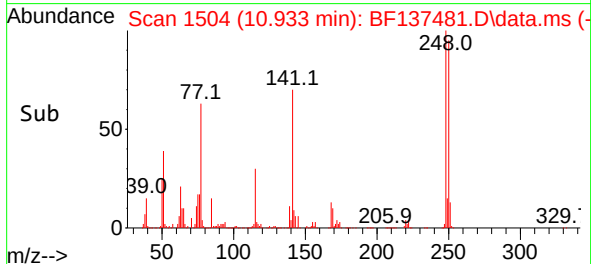
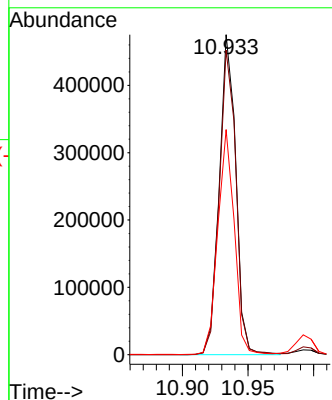
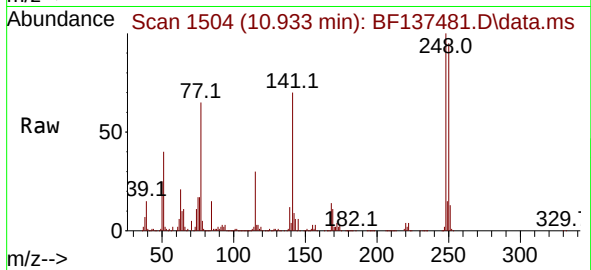




#67
4-Bromophenyl-phenylether
Concen: 44.544 ng
RT: 10.933 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

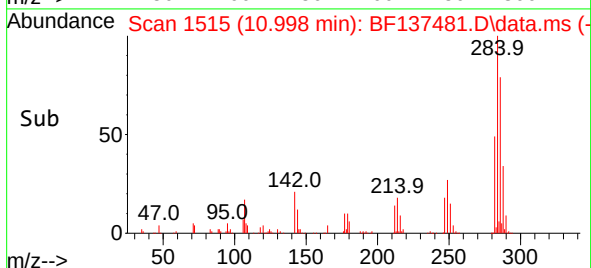
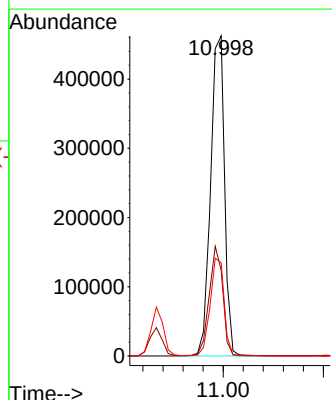
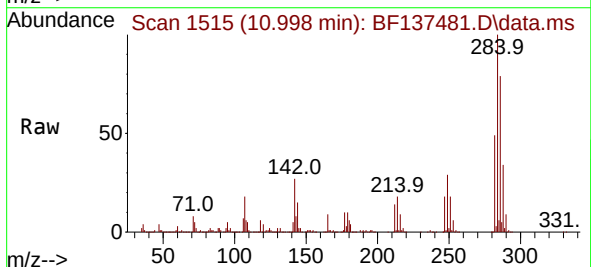
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

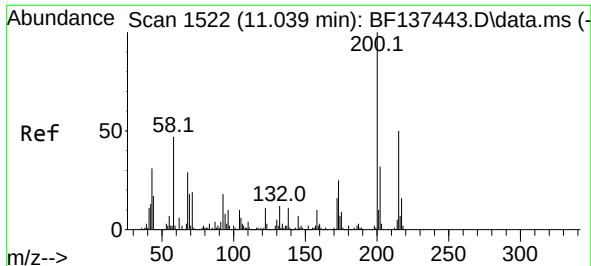
Tgt Ion:248 Resp: 416026
Ion Ratio Lower Upper
248 100
250 95.2 76.8 115.2
141 70.3 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.502 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:284 Resp: 448094
Ion Ratio Lower Upper
284 100
142 26.7 29.4 44.0#
249 29.1 25.0 37.4

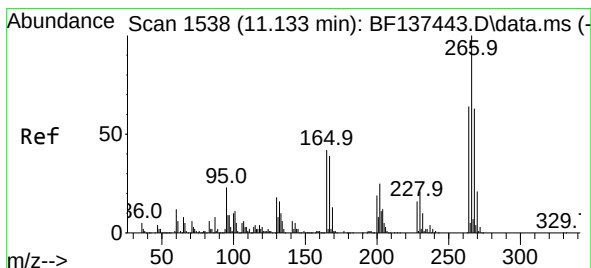
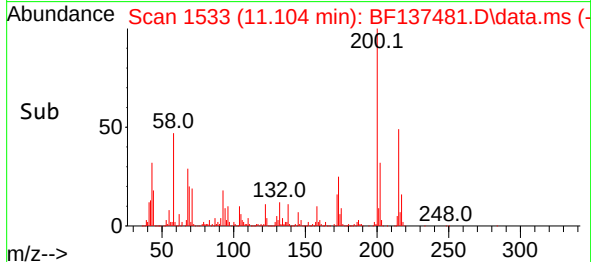
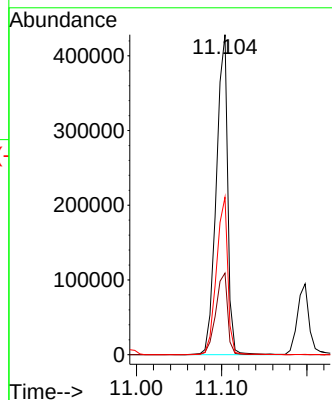
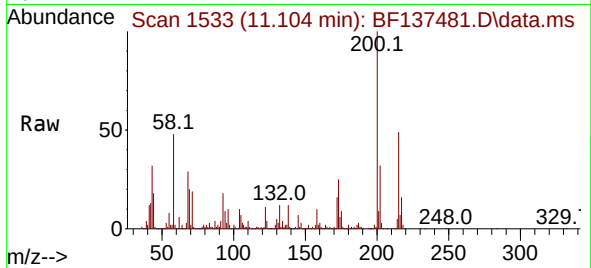




#69
 Atrazine
 Concen: 47.519 ng
 RT: 11.104 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF137481.D
 Acq: 04 Mar 2024 15:19

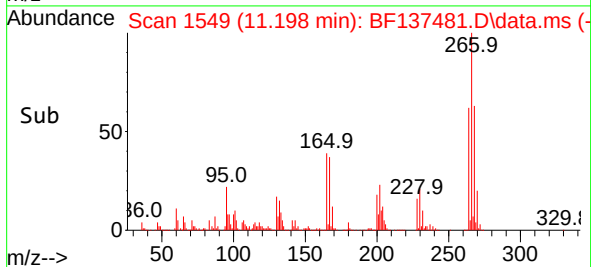
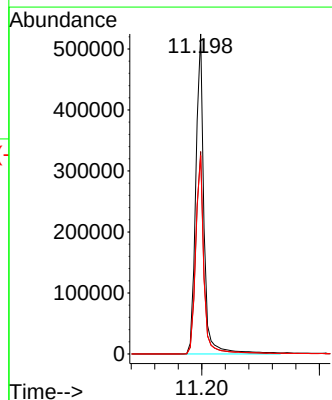
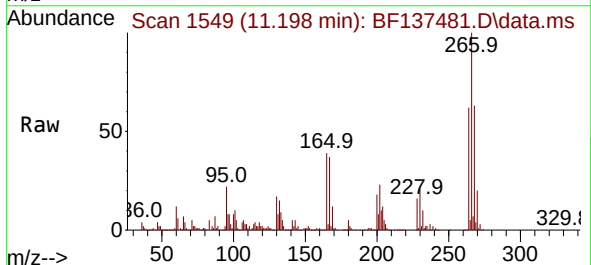
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352MSD

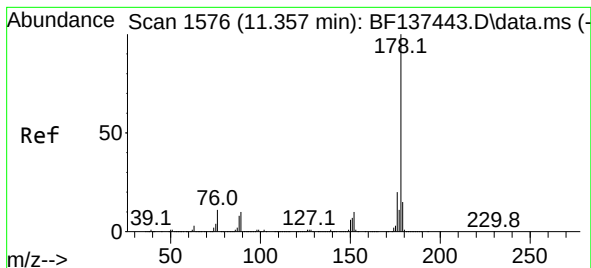
Tgt Ion:200 Resp: 398875
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.1 45.1
 215 49.2 30.4 70.4



#70
 Pentachlorophenol
 Concen: 88.814 ng
 RT: 11.198 min Scan# 1549
 Delta R.T. 0.006 min
 Lab File: BF137481.D
 Acq: 04 Mar 2024 15:19

Tgt Ion:266 Resp: 506463
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.2 75.2
 264 62.0 50.9 76.3





#71

Phenanthrene

Concen: 67.566 ng

RT: 11.422 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

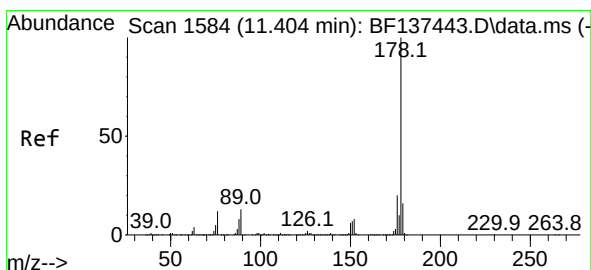
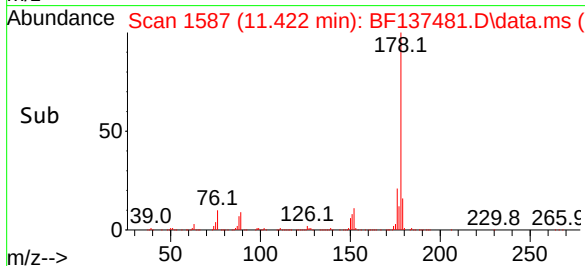
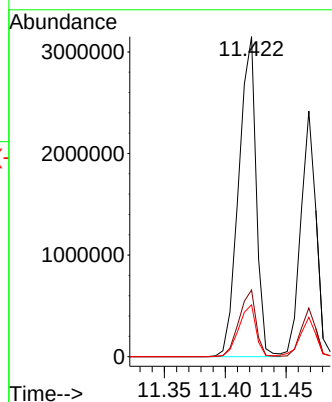
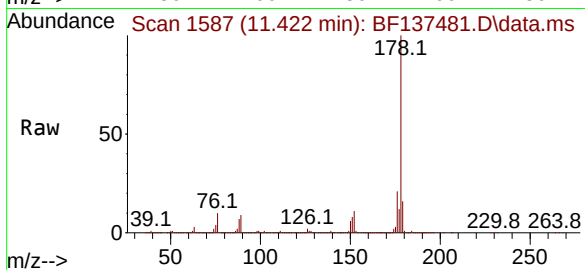
Tgt Ion:178 Resp: 3153074

Ion Ratio Lower Upper

178 100

176 20.9 15.8 23.8

179 16.2 12.2 18.2



#72

Anthracene

Concen: 44.994 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

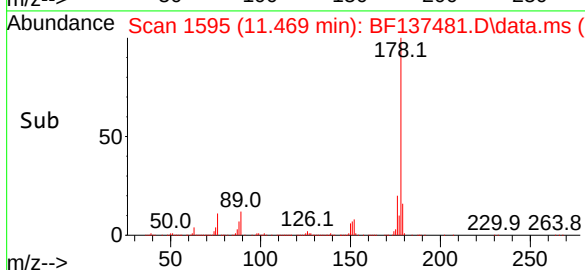
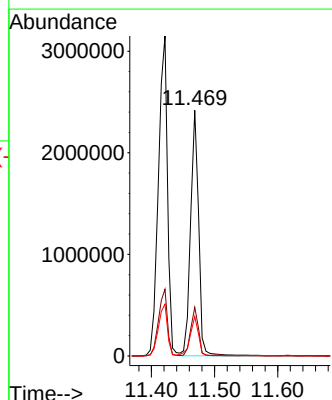
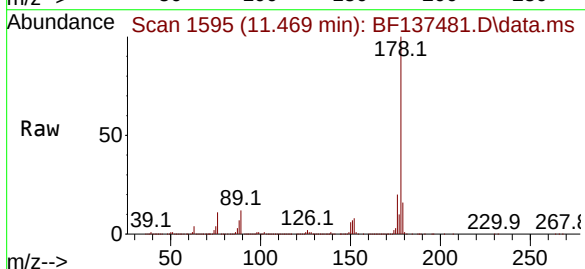
Tgt Ion:178 Resp: 2156504

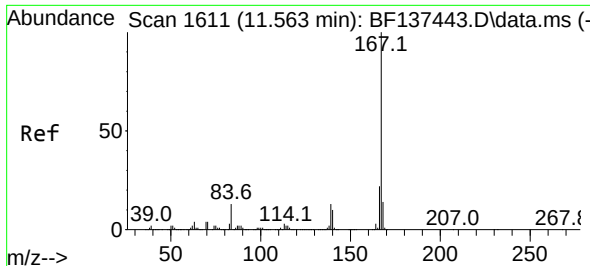
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.0 12.7 19.1

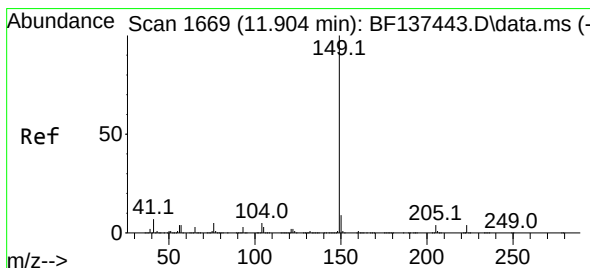
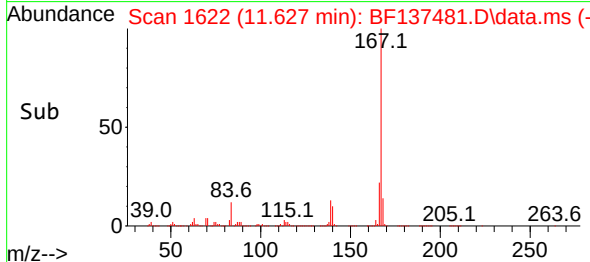
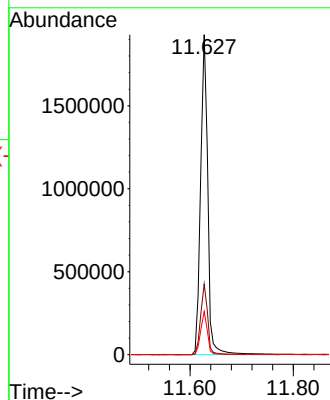
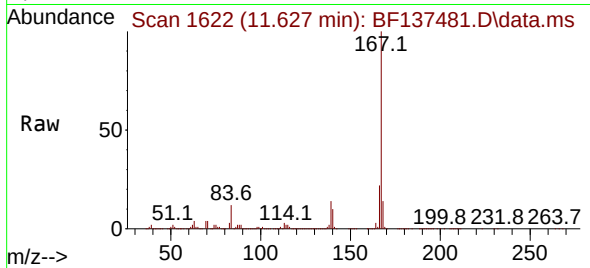




#73
Carbazole
Concen: 45.081 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

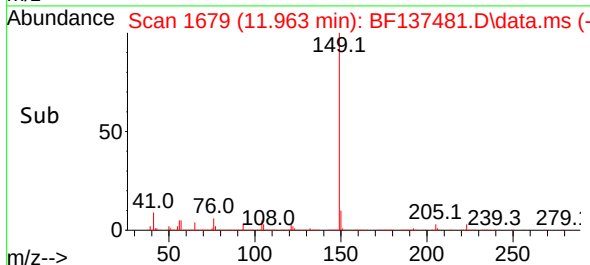
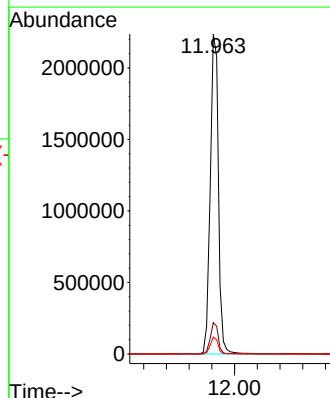
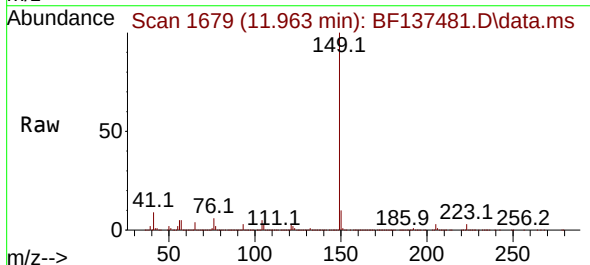
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

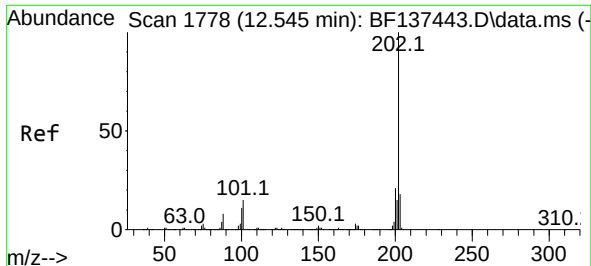
Tgt Ion:167 Resp: 1850773
Ion Ratio Lower Upper
167 100
166 22.1 17.8 26.8
139 13.5 10.5 15.7



#74
Di-n-butylphthalate
Concen: 45.271 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:149 Resp: 2211299
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.0
104 5.3 3.8 5.6

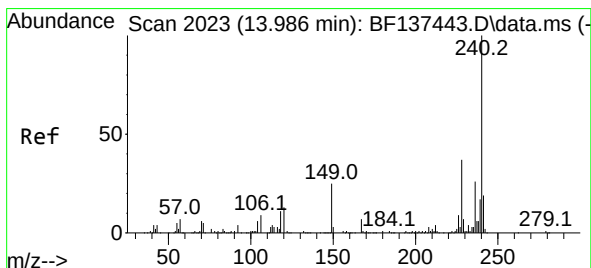
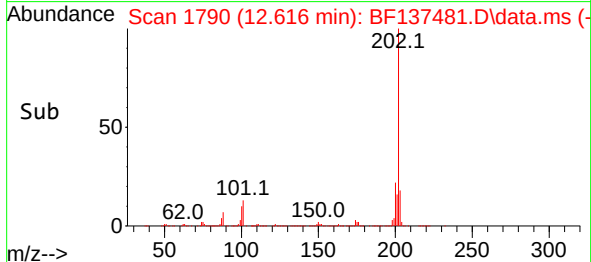
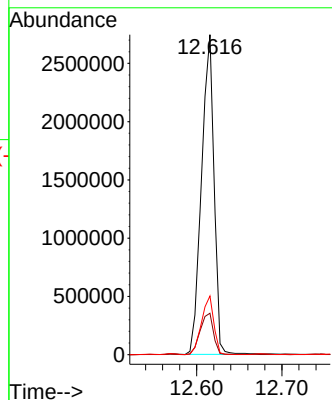
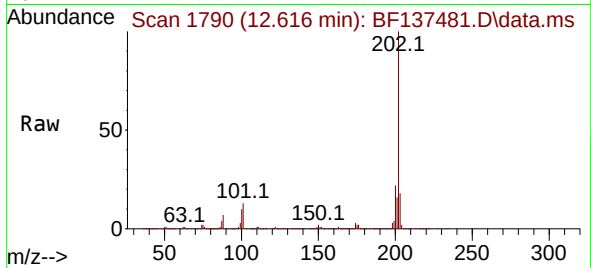




#75
Fluoranthene
Concen: 61.457 ng
RT: 12.616 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

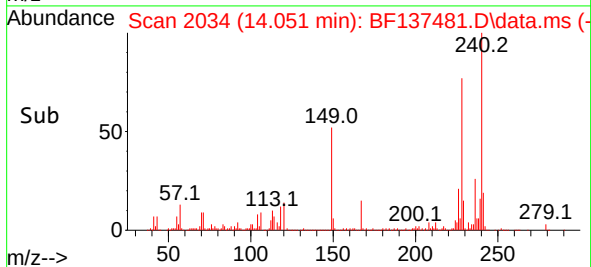
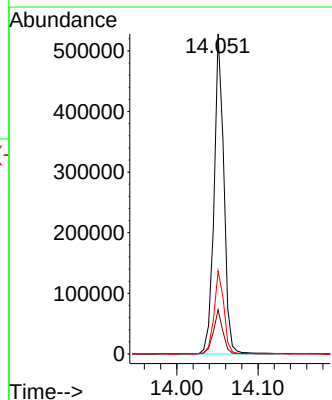
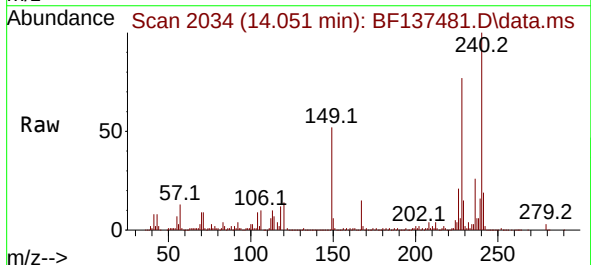
Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD

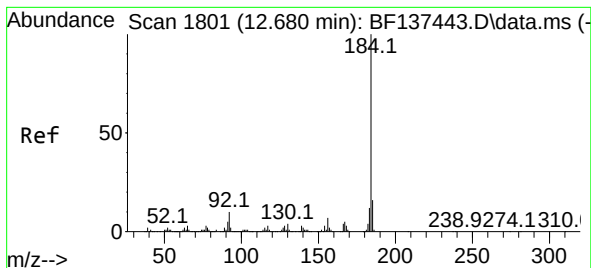
Tgt Ion:202 Resp: 2803404
Ion Ratio Lower Upper
202 100
101 12.9 0.0 35.0
203 18.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:240 Resp: 441497
Ion Ratio Lower Upper
240 100
120 13.8 10.4 15.6
236 26.0 20.9 31.3





#77

Benzidine

Concen: 63.832 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

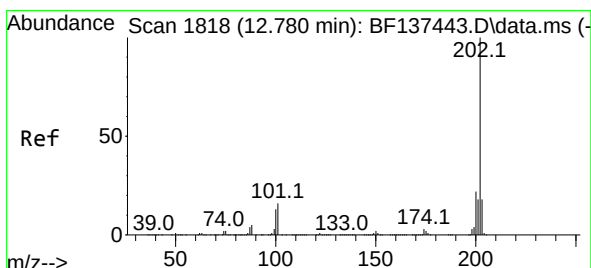
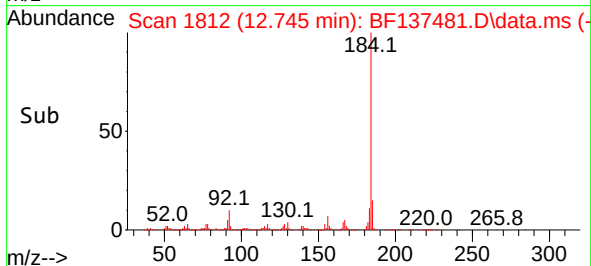
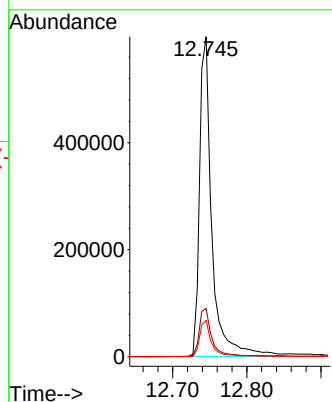
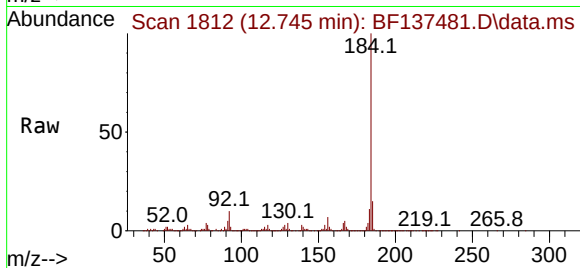
Tgt Ion:184 Resp: 689673

Ion Ratio Lower Upper

184 100

185 15.0 13.2 19.8

183 11.4 9.3 13.9



#78

Pyrene

Concen: 58.035 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

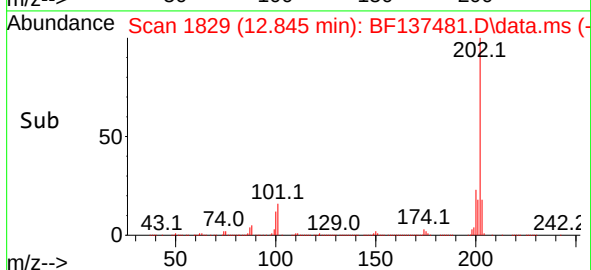
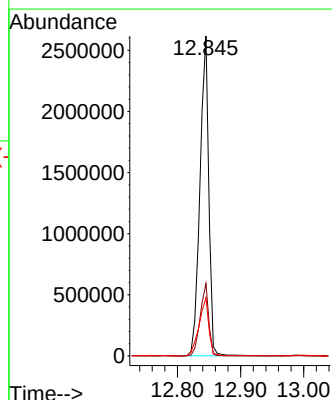
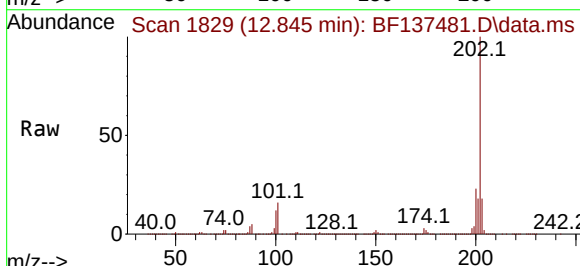
Tgt Ion:202 Resp: 2514137

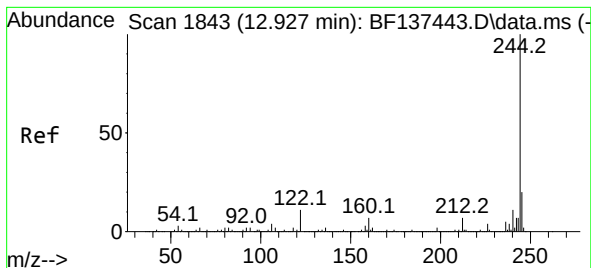
Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 53.632 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

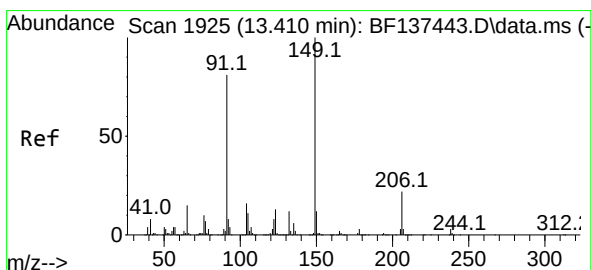
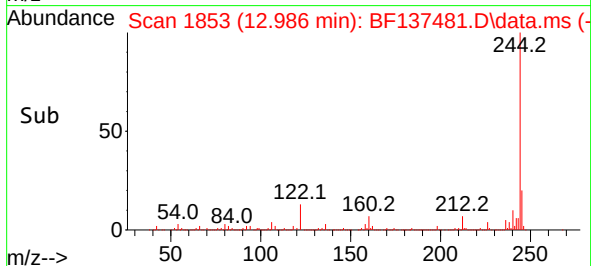
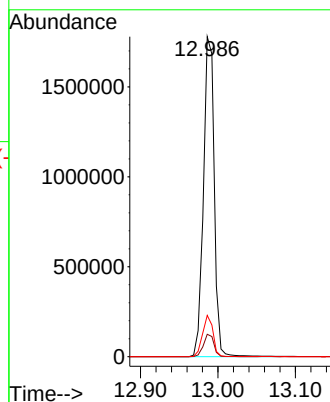
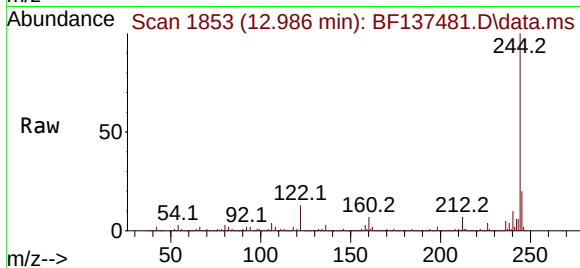
Tgt Ion:244 Resp: 1721929

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.9 9.1 13.7



#80

Butylbenzylphthalate

Concen: 56.626 ng

RT: 13.474 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

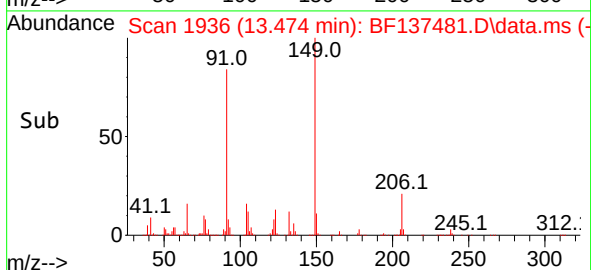
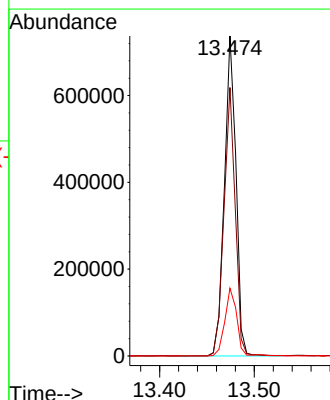
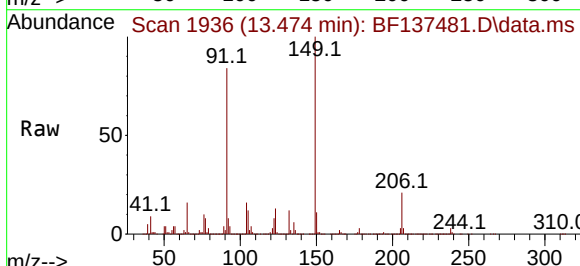
Tgt Ion:149 Resp: 626481

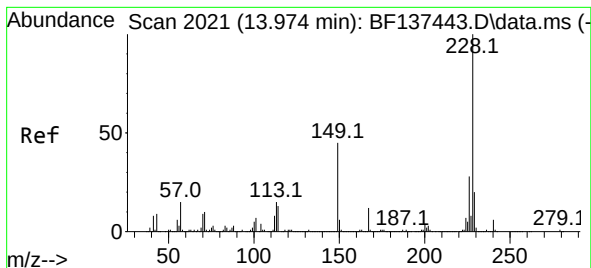
Ion Ratio Lower Upper

149 100

91 83.9 64.7 97.1

206 21.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 48.967 ng

RT: 14.039 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

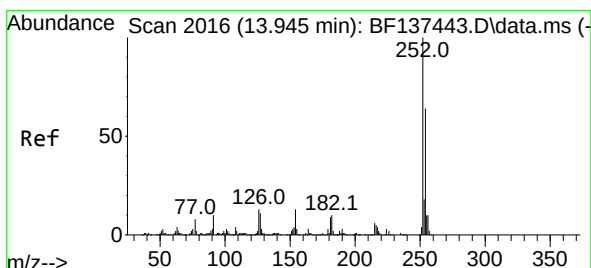
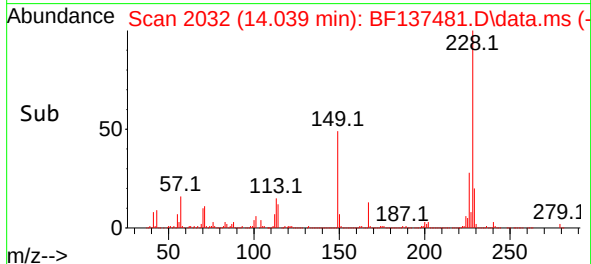
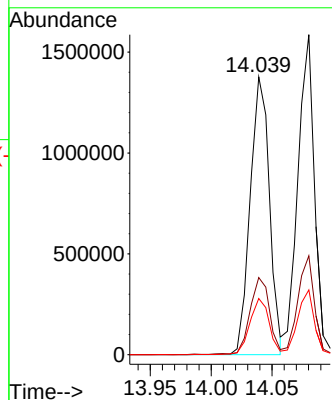
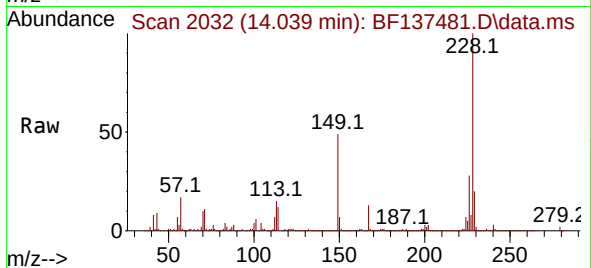
Tgt Ion:228 Resp: 1515244

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 20.2 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 36.420 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

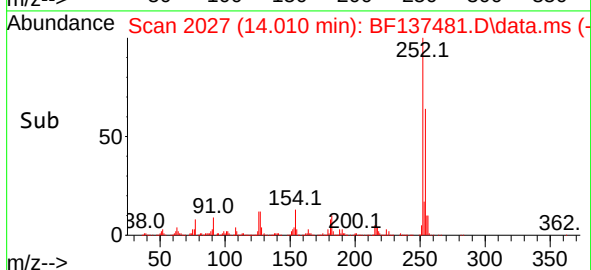
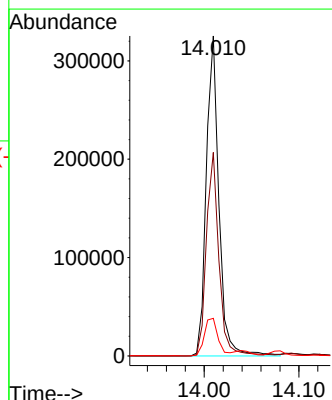
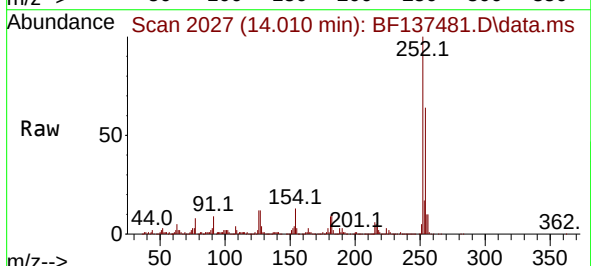
Tgt Ion:252 Resp: 300119

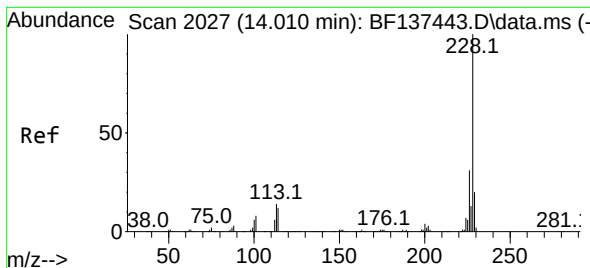
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

126 11.8 10.4 15.6





#83

Chrysene

Concen: 48.015 ng

RT: 14.080 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

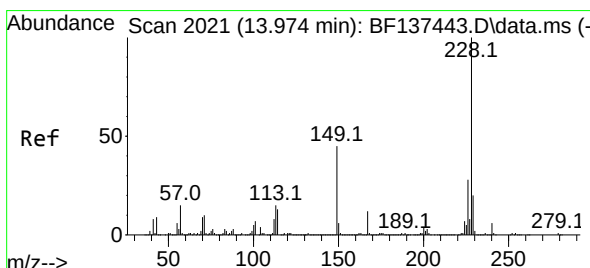
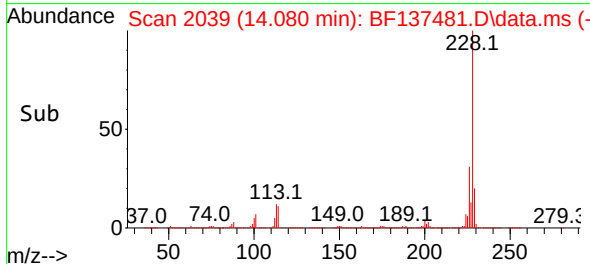
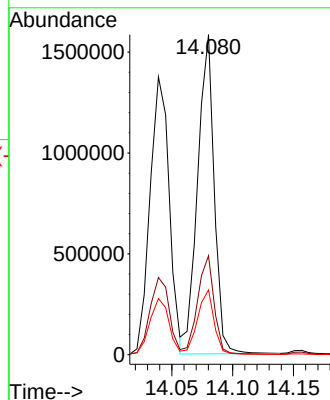
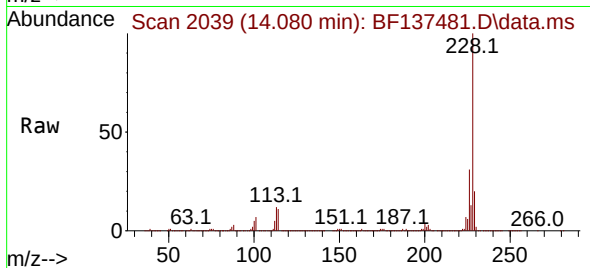
Tgt Ion:228 Resp: 1501663

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.655 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

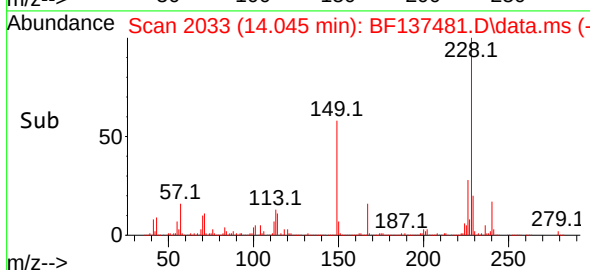
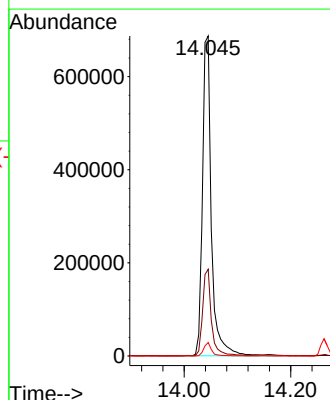
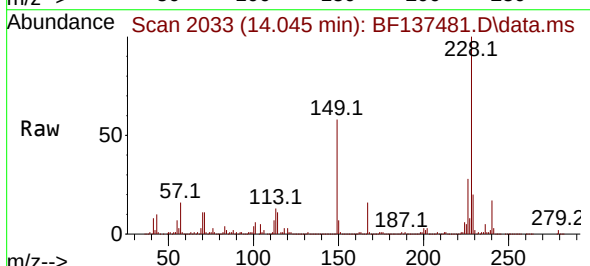
Tgt Ion:149 Resp: 796685

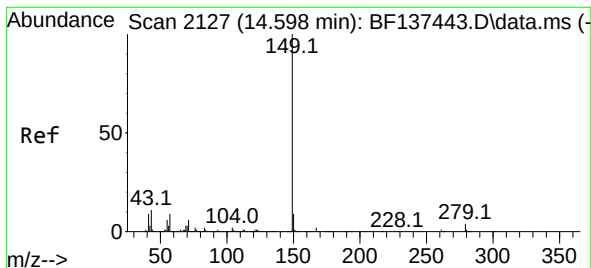
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 4.2 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 53.283 ng

RT: 14.668 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

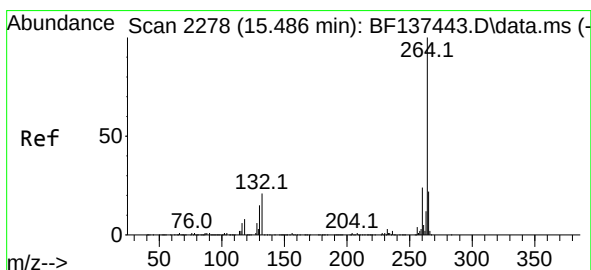
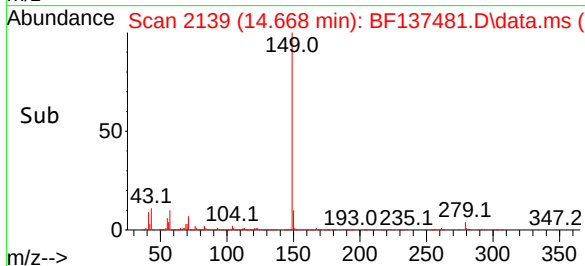
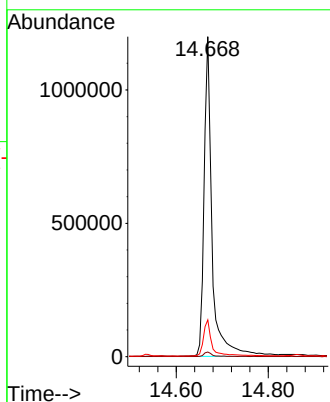
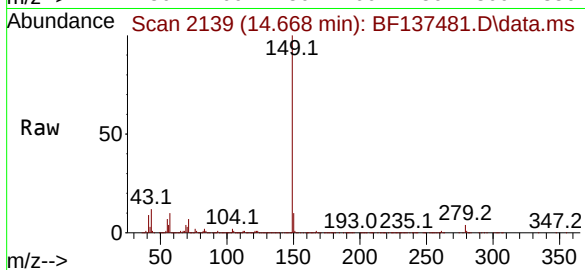
Tgt Ion:149 Resp: 1462995

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

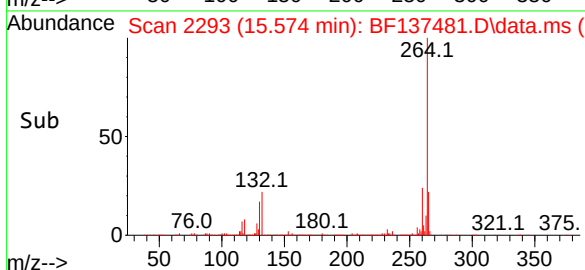
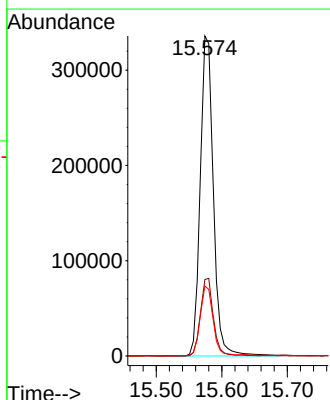
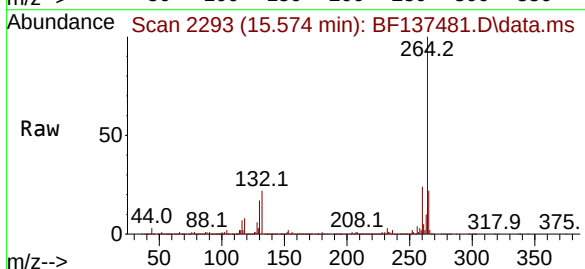
Tgt Ion:264 Resp: 469062

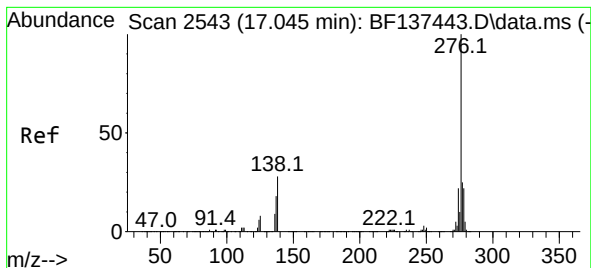
Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.723 ng

RT: 17.168 min Scan# 2116

Delta R.T. 0.012 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

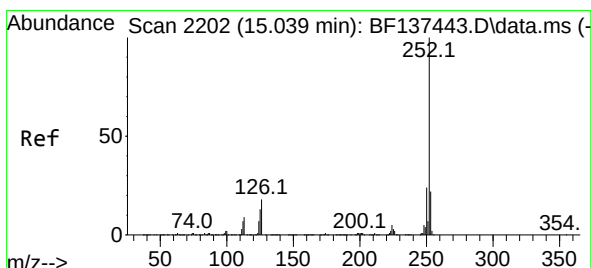
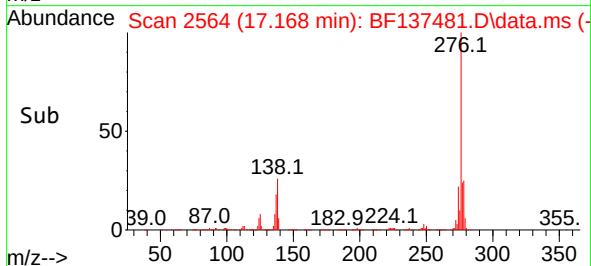
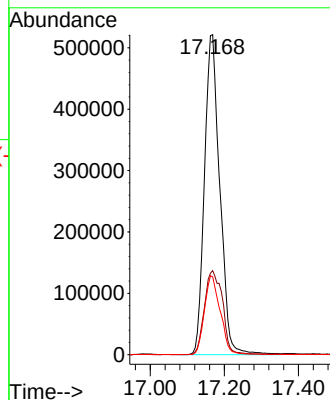
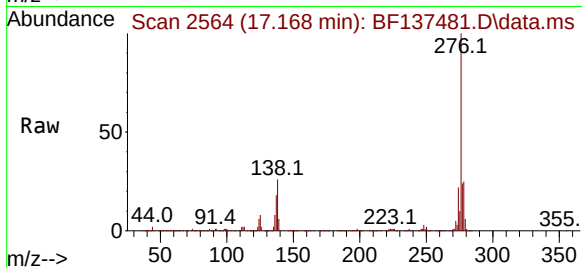
Tgt Ion:276 Resp: 1503968

Ion Ratio Lower Upper

276 100

138 31.0 25.8 38.8

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.388 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

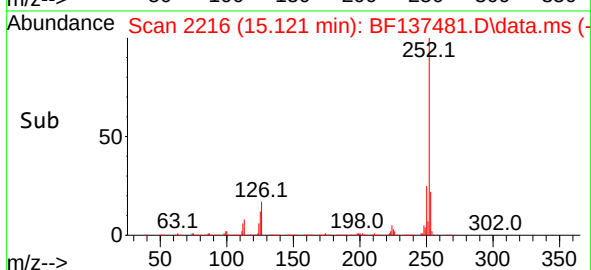
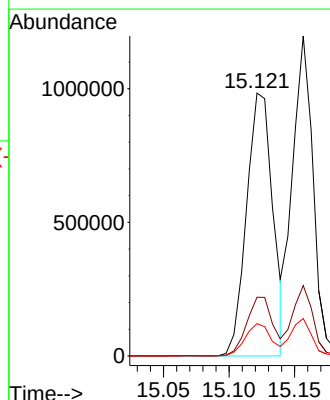
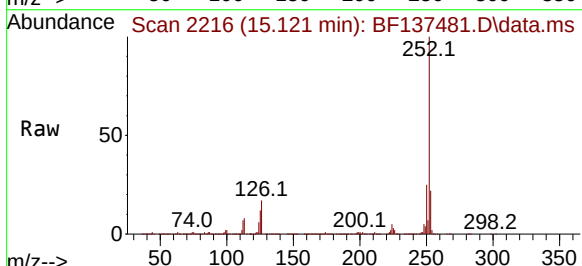
Tgt Ion:252 Resp: 1370374

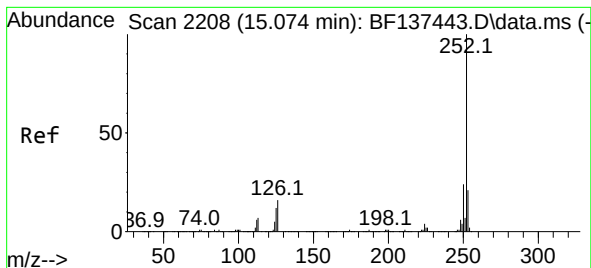
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.979 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

Instrument :

BNA_F

ClientSampleId :

ETGI-352MSD

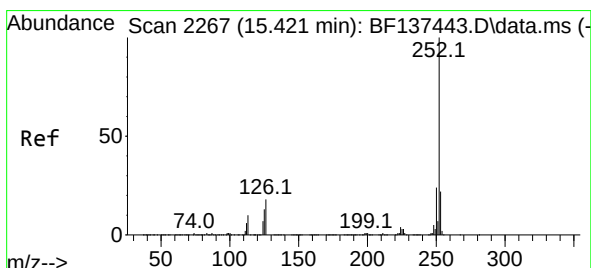
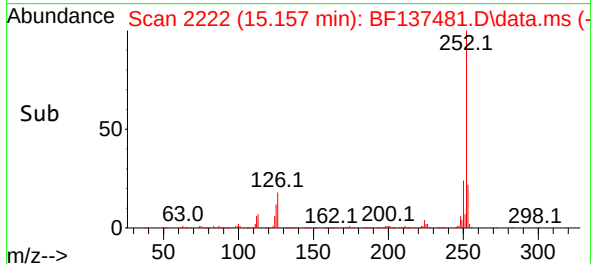
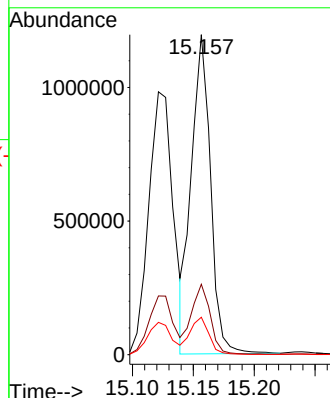
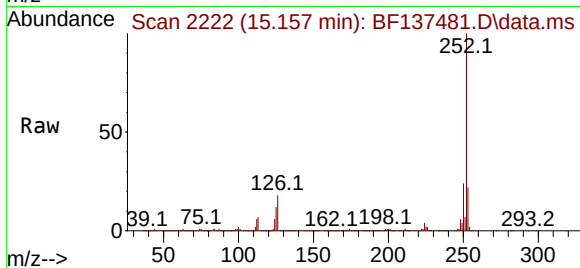
Tgt Ion:252 Resp: 1310704

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.7 9.6 14.4



#90

Benzo(a)pyrene

Concen: 46.735 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF137481.D

Acq: 04 Mar 2024 15:19

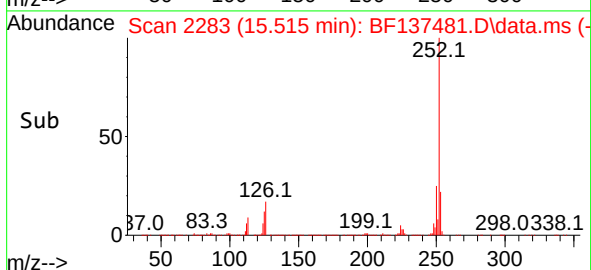
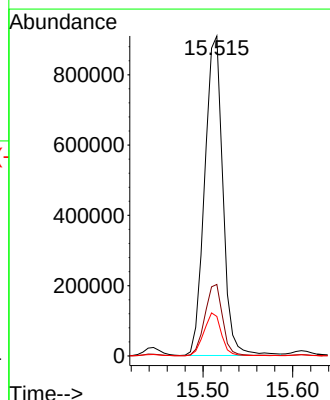
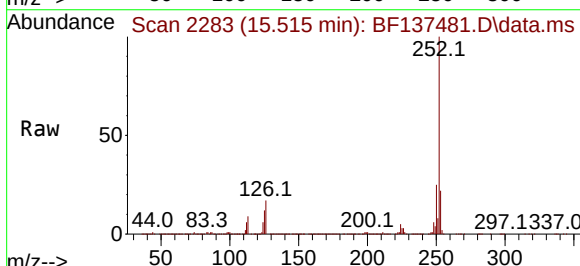
Tgt Ion:252 Resp: 1277879

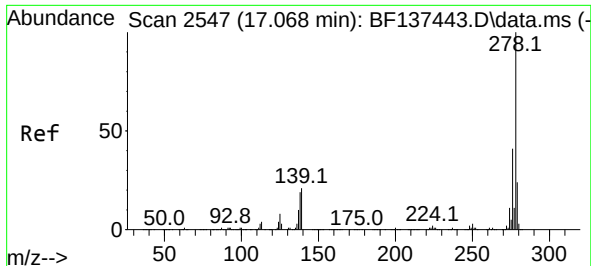
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

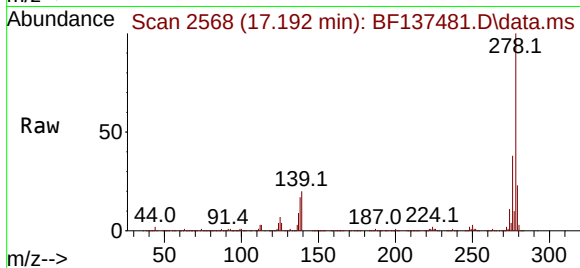
125 12.4 10.4 15.6



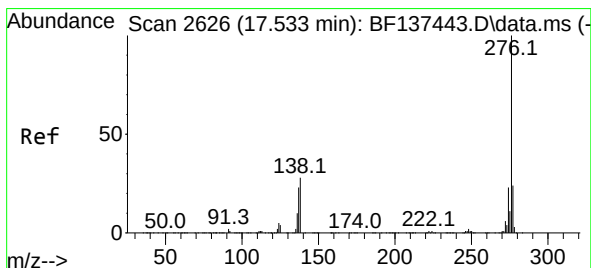
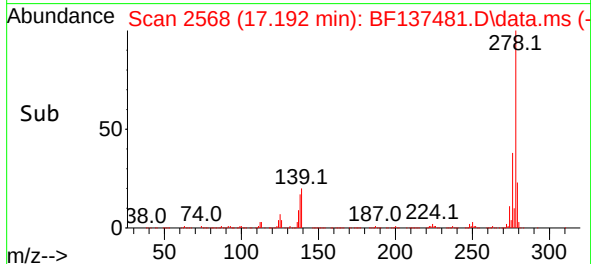
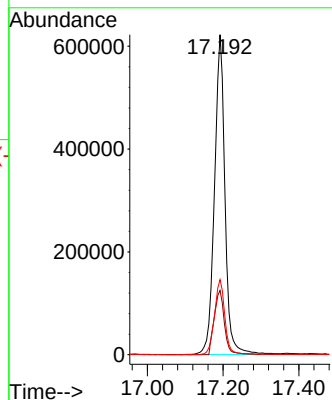


#91
Dibenzo(a,h)anthracene
Concen: 47.747 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Instrument :
BNA_F
ClientSampleId :
ETGI-352MSD



Tgt Ion:278 Resp: 1195590
Ion Ratio Lower Upper
278 100
139 20.1 17.0 25.6
279 23.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 45.830 ng
RT: 17.651 min Scan# 2646
Delta R.T. 0.012 min
Lab File: BF137481.D
Acq: 04 Mar 2024 15:19

Tgt Ion:276 Resp: 1178557
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 27.1 22.2 33.2

