

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134251.D
 Acq On : 12 Jul 2023 17:32
 Operator : CG\JU
 Sample : 03555-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347

Quant Time: Jul 12 18:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

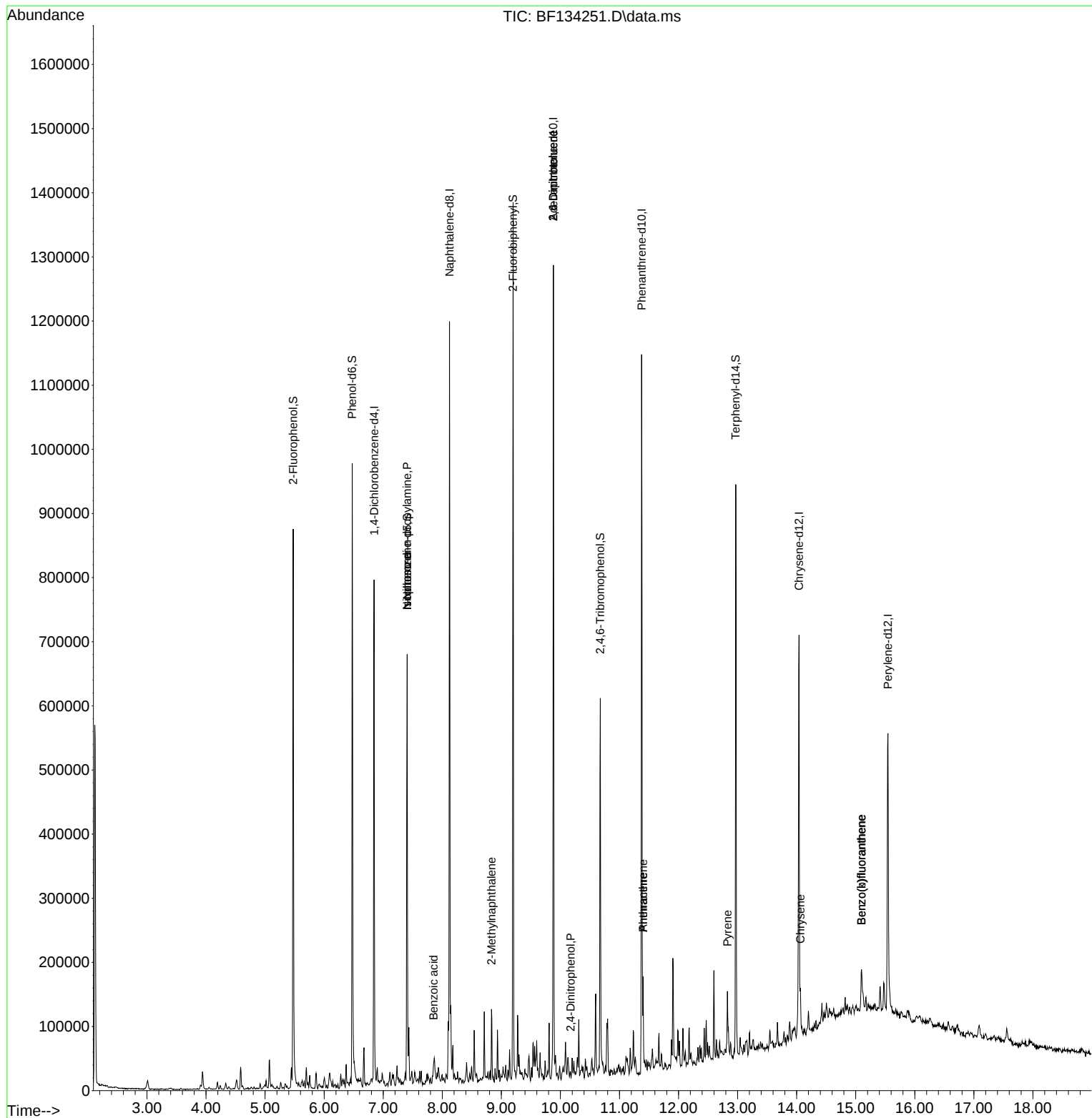
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	112971	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	453972	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	231060	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	407645	20.000	ng	0.00
76) Chrysene-d12	14.039	240	216252	20.000	ng	0.00
86) Perylene-d12	15.545	264	223182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	231268	34.244	ng	0.00
7) Phenol-d6	6.475	99	280390	33.759	ng	-0.01
23) Nitrobenzene-d5	7.404	82	189960	22.556	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	70170	24.221	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	364824	22.956	ng	0.00
79) Terphenyl-d14	12.969	244	296314	22.053	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	1583	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	7.404	70	26474	5.026	ng	# 81
25) Isophorone	7.404	82	189960	12.411	ng	# 64
32) Benzoic acid	7.851	122	9914	2.047	ng	88
37) 2-Methylnaphthalene	8.834	142	31145	2.008	ng	93
51) 2,6-Dinitrotoluene	9.881	165	30940	8.565	ng	# 24
54) 2,4-Dinitrophenol	10.175	184	544	4.112	ng	# 15
57) 2,4-Dinitrotoluene	9.881	165	30940	6.485	ng	# 22
71) Phenanthrene	11.398	178	45868	2.235	ng	99
72) Anthracene	11.398	178	45868	2.149	ng	98
78) Pyrene	12.827	202	40592	2.017	ng	98
83) Chrysene	14.063	228	31788	2.188	ng	94
88) Benzo(b)fluoranthene	15.098	252	47144	3.592	ng	# 96
89) Benzo(k)fluoranthene	15.098	252	47144	3.528	ng	# 97

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

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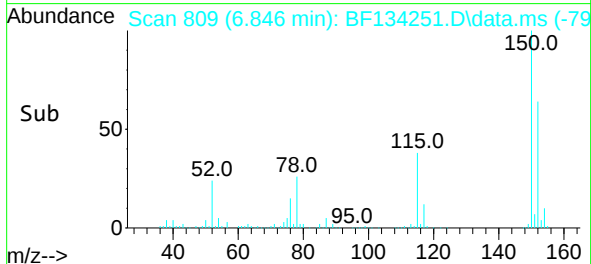
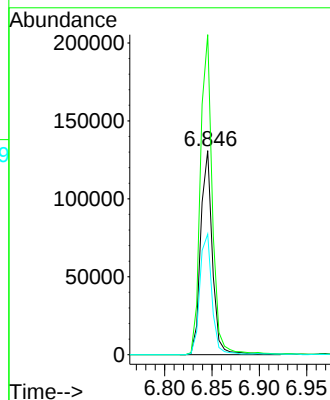
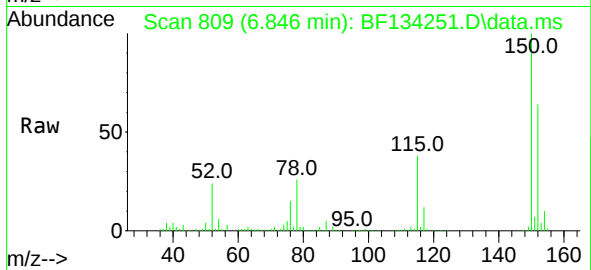




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134251.D
 Acq: 12 Jul 2023 17:32

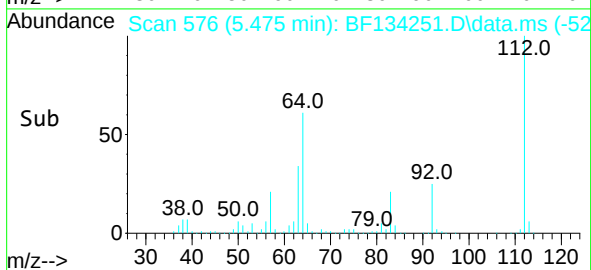
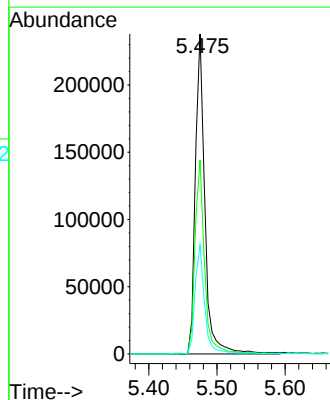
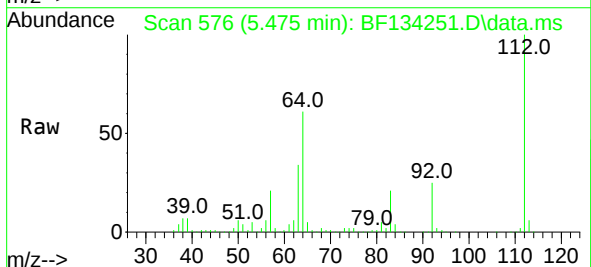
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347

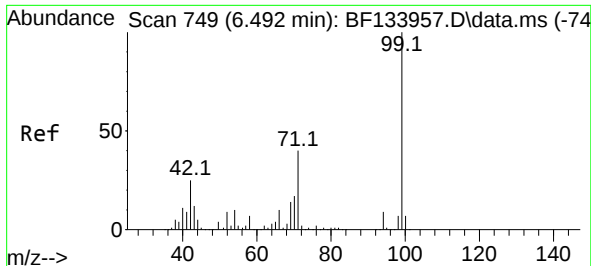
Tgt Ion:152 Resp: 112971
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.5 186.7
 115 59.1 50.2 75.2



#5
 2-Fluorophenol
 Concen: 34.244 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.000 min
 Lab File: BF134251.D
 Acq: 12 Jul 2023 17:32

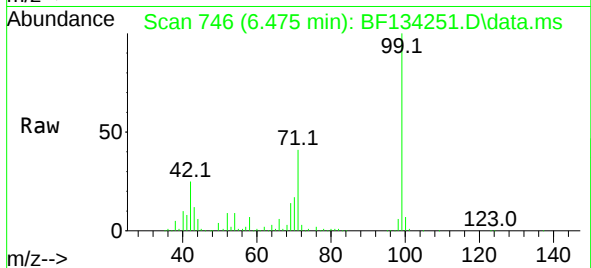
Tgt Ion:112 Resp: 231268
 Ion Ratio Lower Upper
 112 100
 64 60.6 52.1 78.1
 63 34.0 28.6 42.8



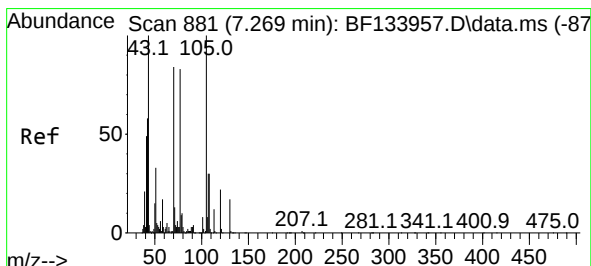
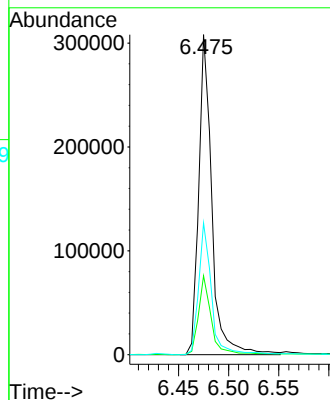
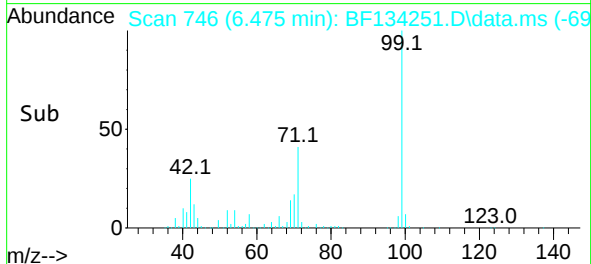


#7
Phenol-d6
Concen: 33.759 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

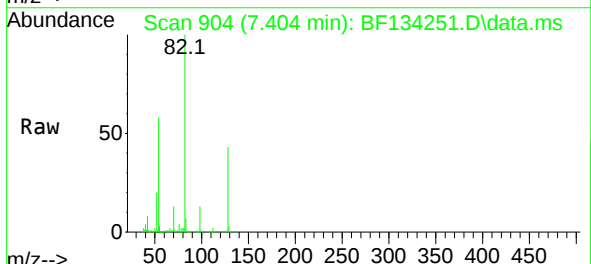
Instrument :
BNA_F
ClientSampleId :
ETGI-347



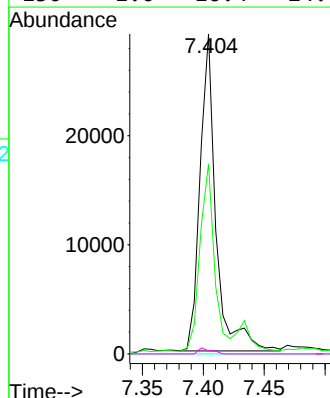
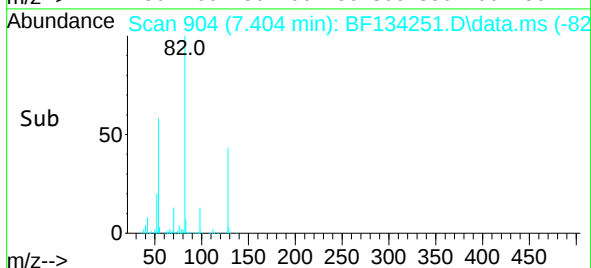
Tgt Ion: 99 Resp: 280390
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 41.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 5.026 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32



Tgt Ion: 70 Resp: 26474
Ion Ratio Lower Upper
70 100
42 59.4 54.7 82.1
101 0.0 7.7 11.5#
130 1.0 16.4 24.6#



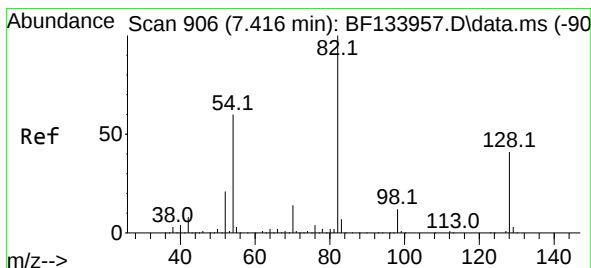
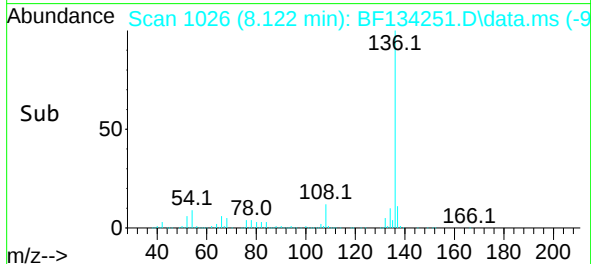
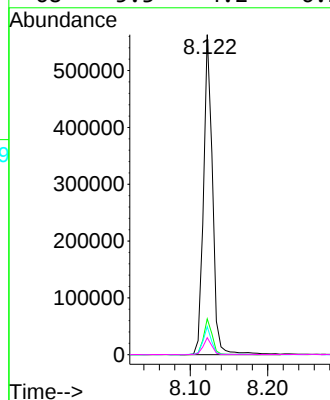
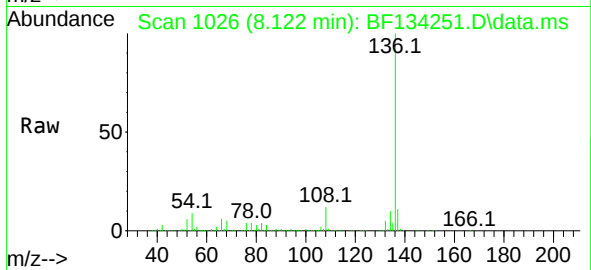


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Instrument :
BNA_F
ClientSampleId :
ETGI-347

Tgt Ion:136 Resp: 453972

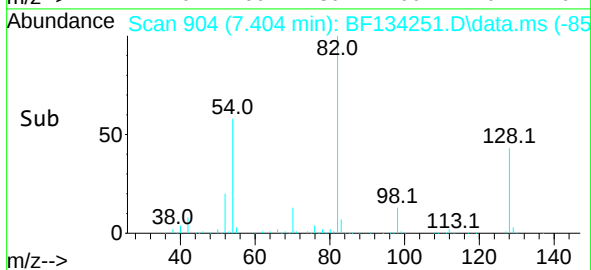
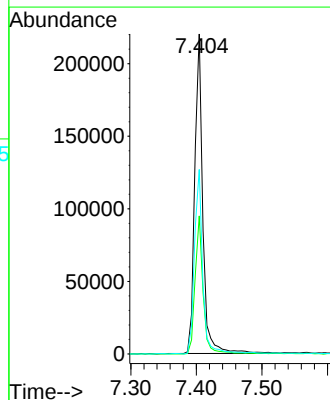
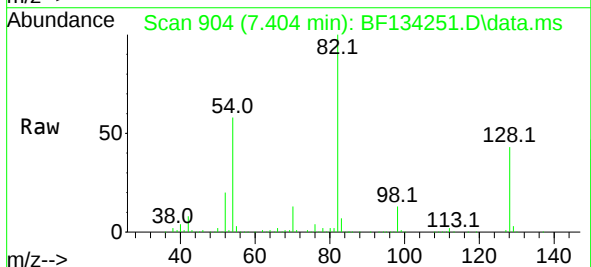
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.8	6.5	9.7
68	5.3	4.2	6.2

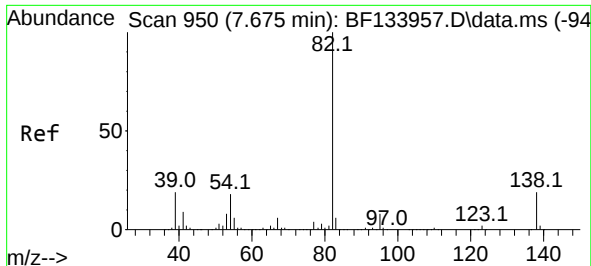


#23
Nitrobenzene-d5
Concen: 22.556 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion: 82 Resp: 189960

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.5	48.7
54	57.7	48.2	72.2

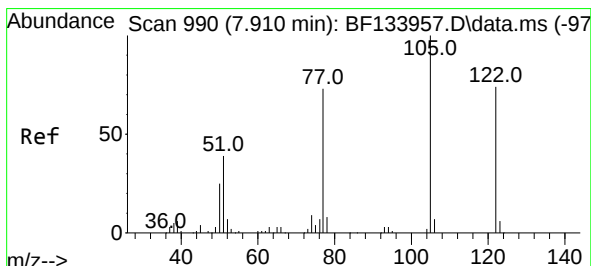
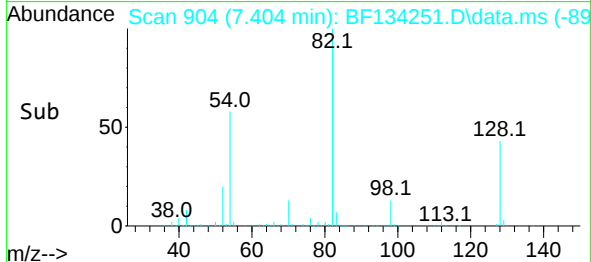
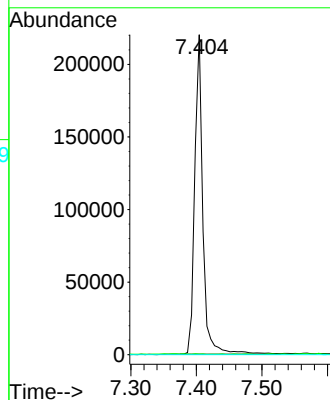
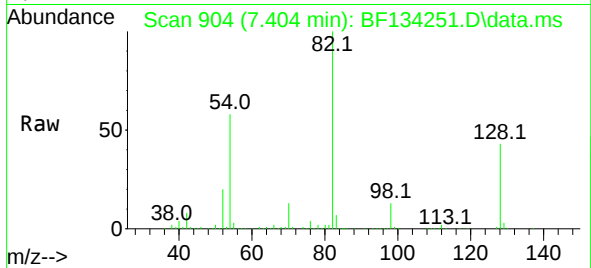




#25
Isophorone
Concen: 12.411 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

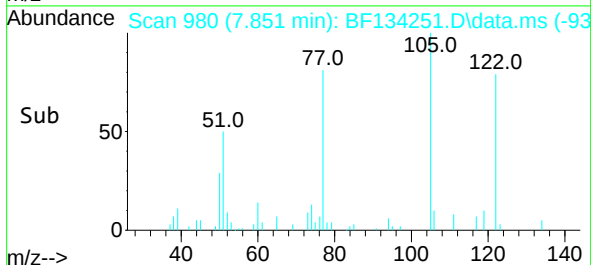
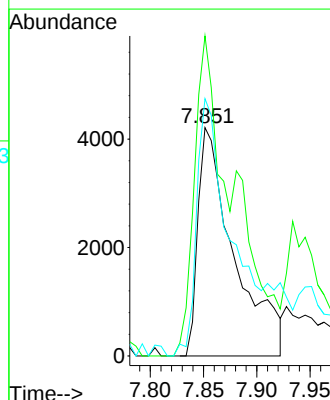
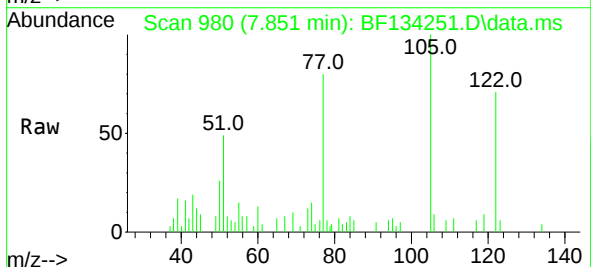
Instrument :
BNA_F
ClientSampleId :
ETGI-347

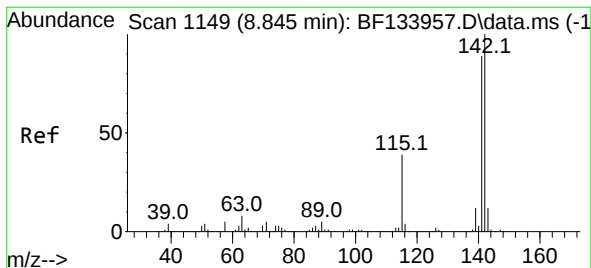
Tgt Ion: 82 Resp: 189960
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.0 15.2 22.8#



#32
Benzoic acid
Concen: 2.047 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.041 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion: 122 Resp: 9914
Ion Ratio Lower Upper
122 100
105 140.2 109.7 149.7
77 112.7 76.0 116.0





#37

2-Methylnaphthalene

Concen: 2.008 ng

RT: 8.834 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

Instrument :

BNA_F

ClientSampleId :

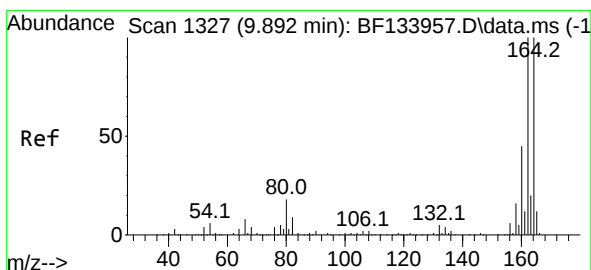
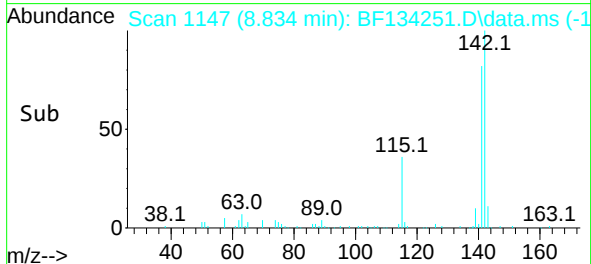
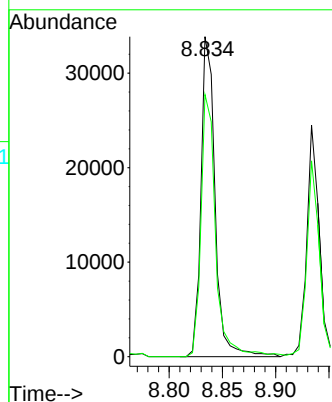
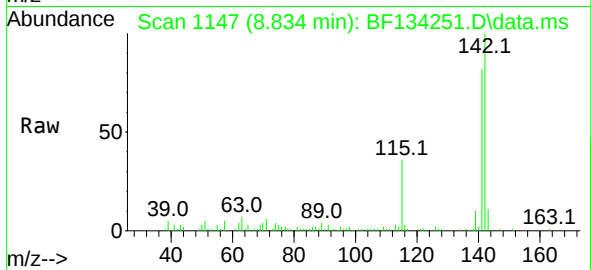
ETGI-347

Tgt Ion:142 Resp: 31145

Ion Ratio Lower Upper

142 100

141 81.9 71.0 106.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

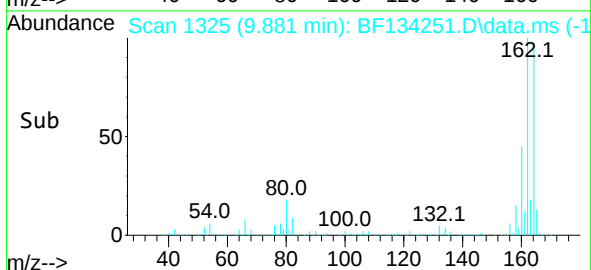
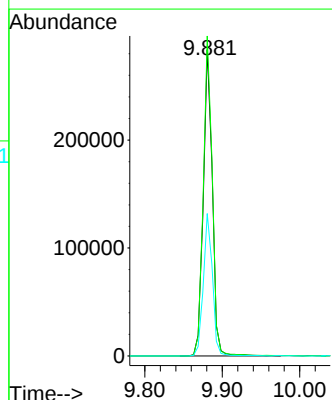
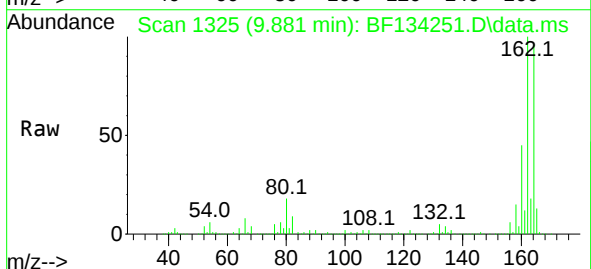
Tgt Ion:164 Resp: 231060

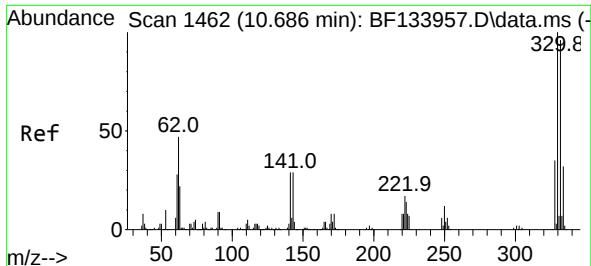
Ion Ratio Lower Upper

164 100

162 104.5 80.0 120.0

160 46.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 24.221 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

Instrument :

BNA_F

ClientSampleId :

ETGI-347

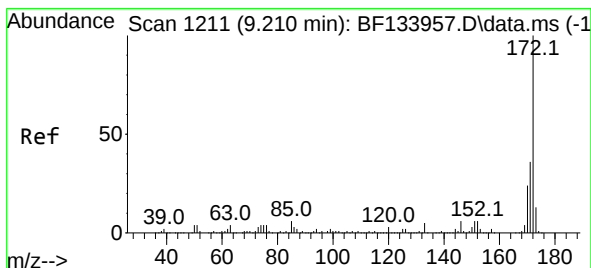
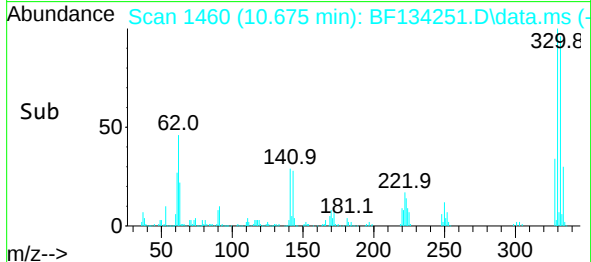
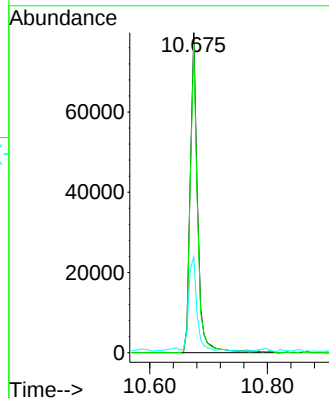
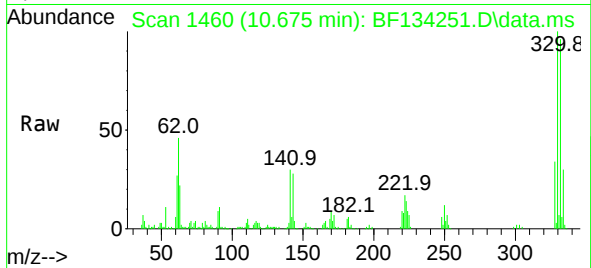
Tgt Ion:330 Resp: 70170

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

141 31.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 22.956 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

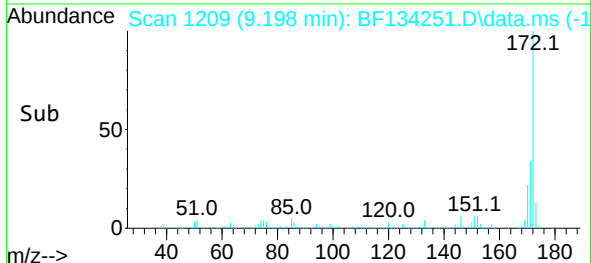
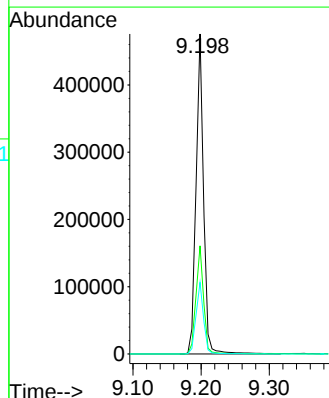
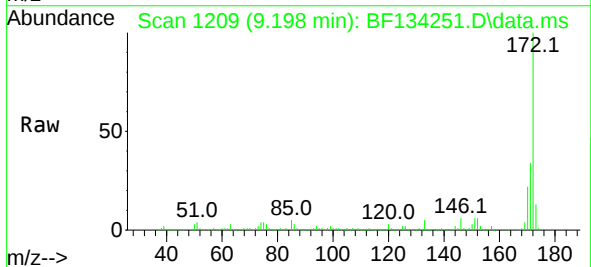
Tgt Ion:172 Resp: 364824

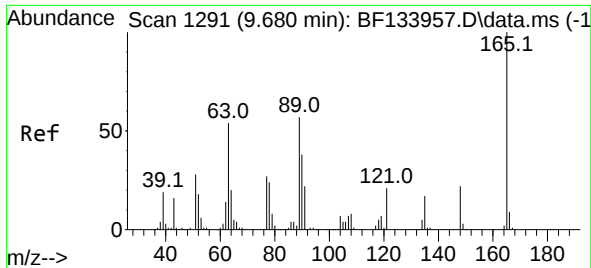
Ion Ratio Lower Upper

172 100

171 33.8 28.6 43.0

170 22.4 19.4 29.0

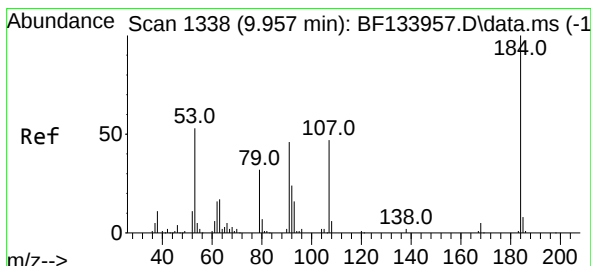
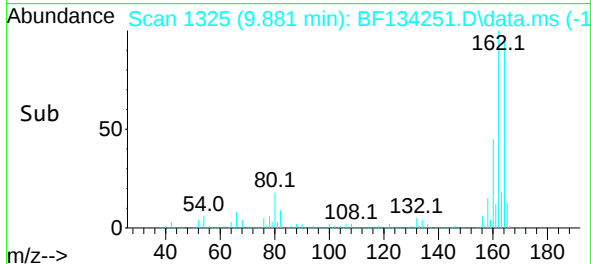
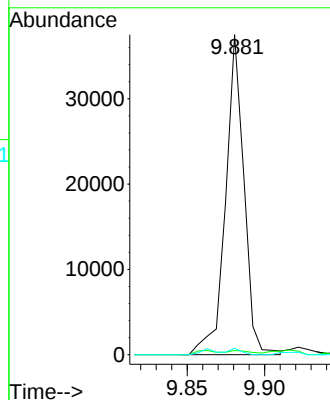
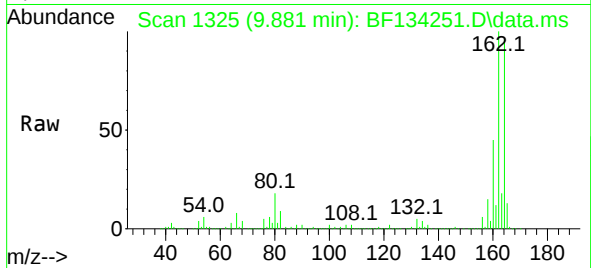




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

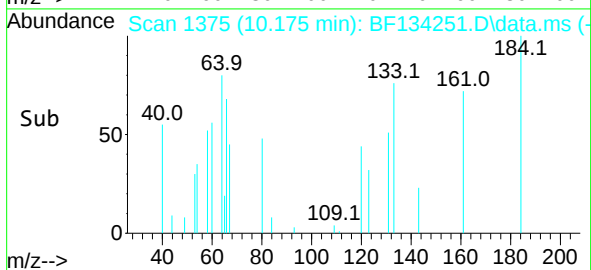
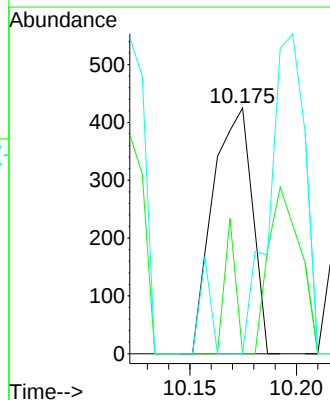
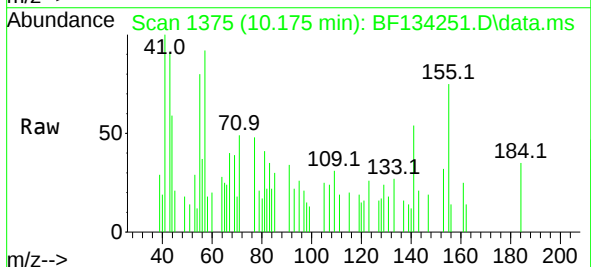
Instrument :
BNA_F
ClientSampleId :
ETGI-347

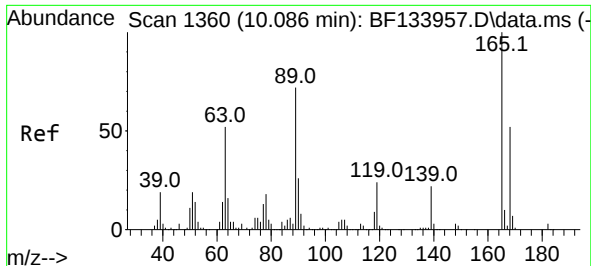
Tgt Ion:165 Resp: 30940
Ion Ratio Lower Upper
165 100
63 1.3 48.5 72.7#
89 2.0 45.5 68.3#



#54
2,4-Dinitrophenol
Concen: 4.112 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.218 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion:184 Resp: 544
Ion Ratio Lower Upper
184 100
63 0.0 56.9 85.3#
154 0.0 55.4 83.0#

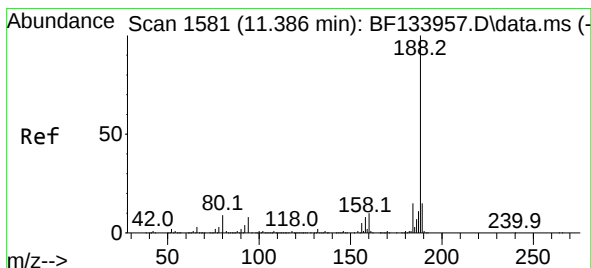
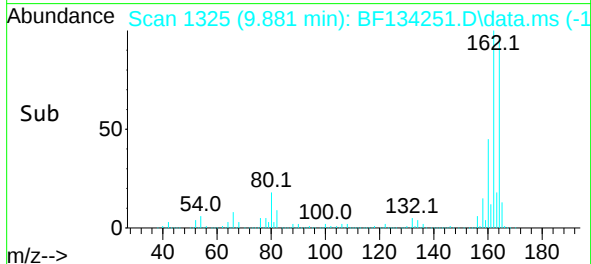
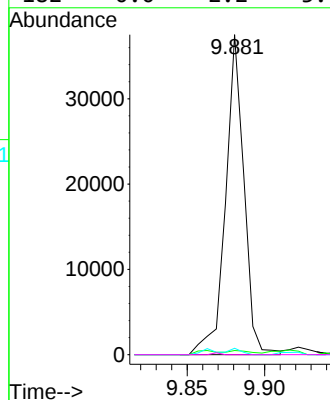
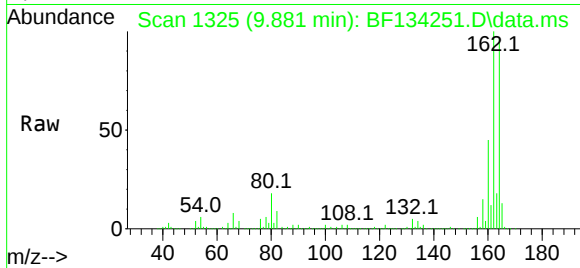




#57
2,4-Dinitrotoluene
Concen: 6.485 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

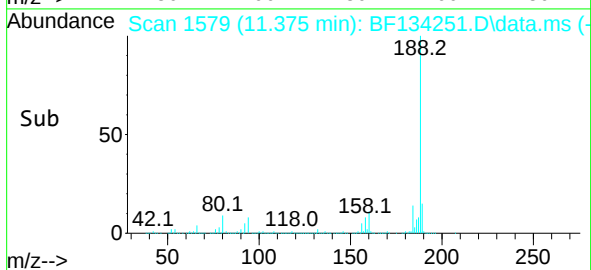
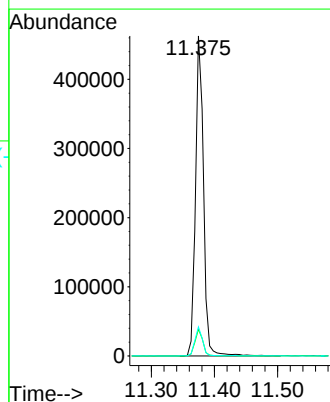
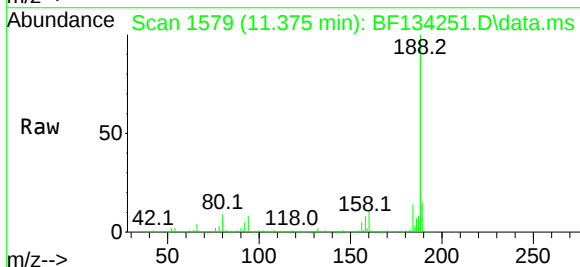
Instrument :
BNA_F
ClientSampleId :
ETGI-347

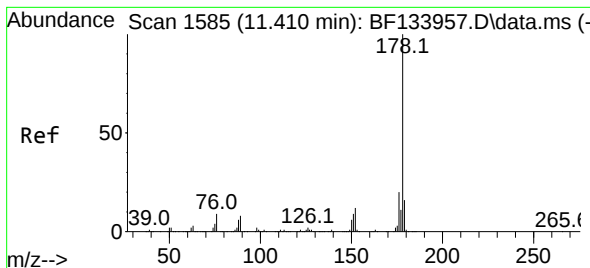
Tgt Ion:165 Resp: 30940
Ion Ratio Lower Upper
165 100
63 1.3 42.2 63.2#
89 2.0 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion:188 Resp: 407645
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 7.3 10.9





#71

Phenanthrene

Concen: 2.235 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

Instrument :

BNA_F

ClientSampleId :

ETGI-347

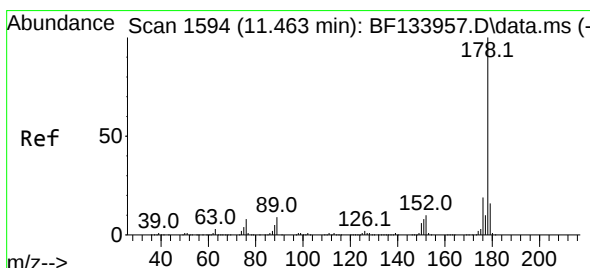
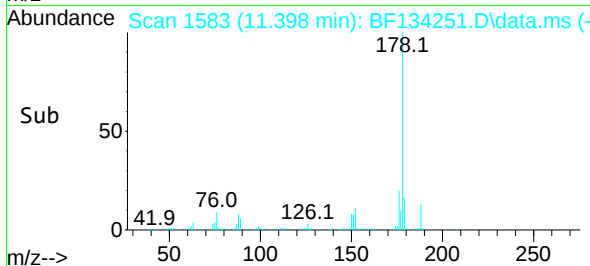
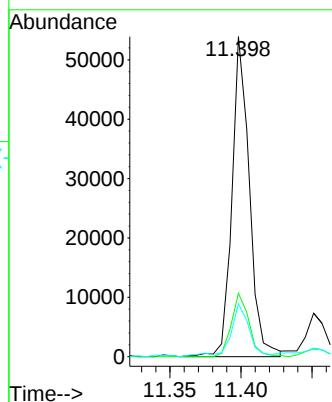
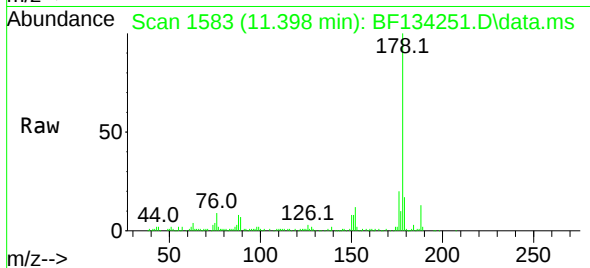
Tgt Ion:178 Resp: 45868

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 16.6 12.4 18.6



#72

Anthracene

Concen: 2.149 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.059 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

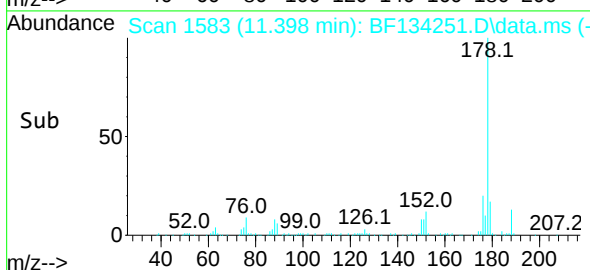
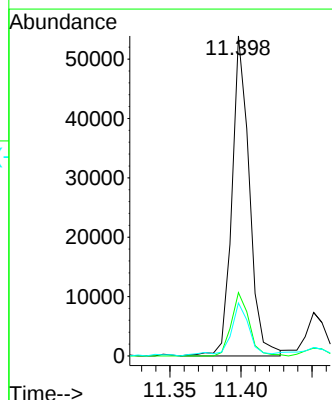
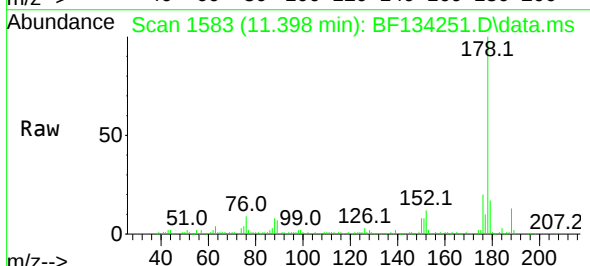
Tgt Ion:178 Resp: 45868

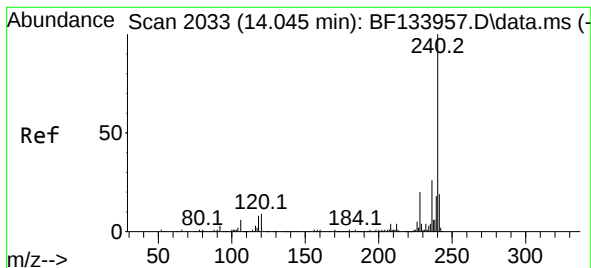
Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

179 16.6 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

Instrument :

BNA_F

ClientSampleId :

ETGI-347

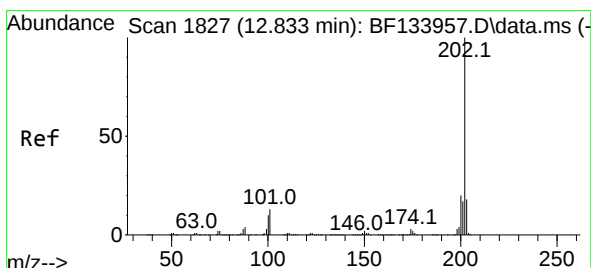
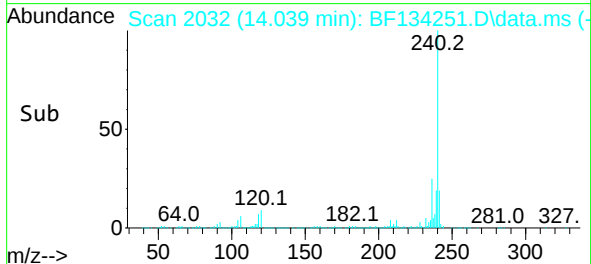
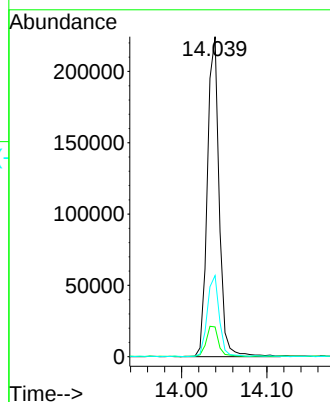
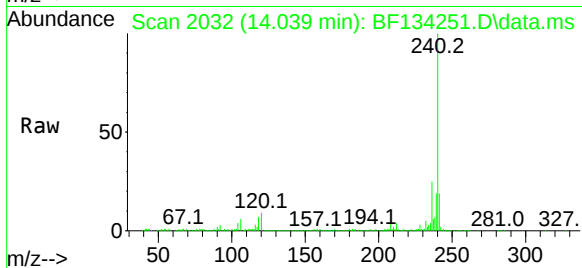
Tgt Ion:240 Resp: 216252

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 25.3 21.0 31.6



#78

Pyrene

Concen: 2.017 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF134251.D

Acq: 12 Jul 2023 17:32

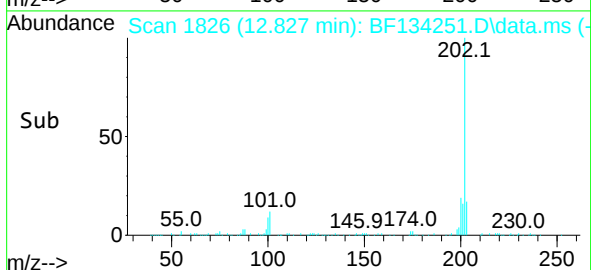
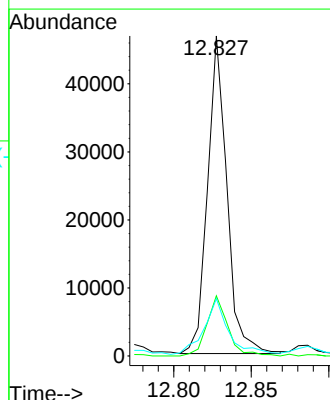
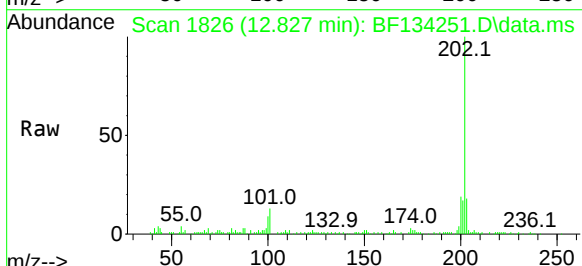
Tgt Ion:202 Resp: 40592

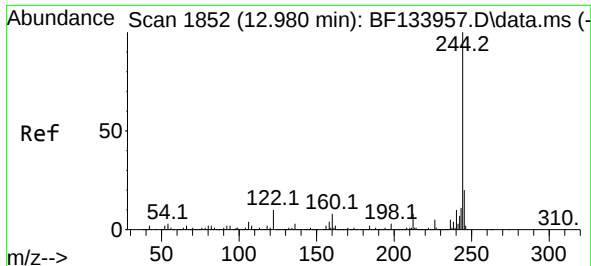
Ion Ratio Lower Upper

202 100

200 18.8 16.1 24.1

203 17.9 14.3 21.5

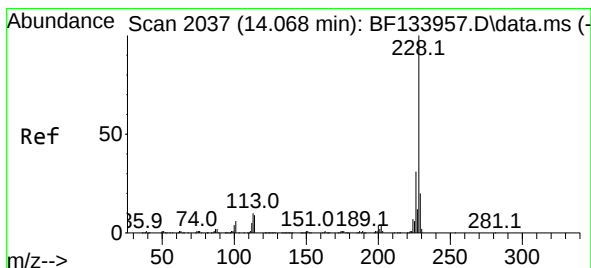
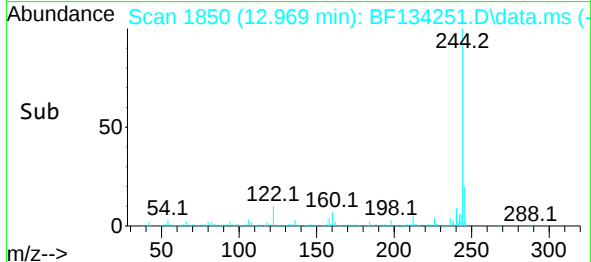
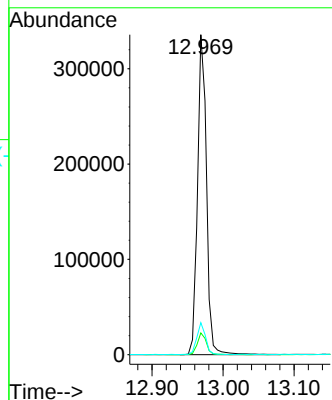
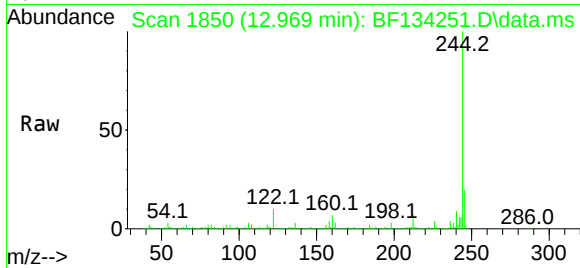




#79
 Terphenyl-d14
 Concen: 22.053 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF134251.D
 Acq: 12 Jul 2023 17:32

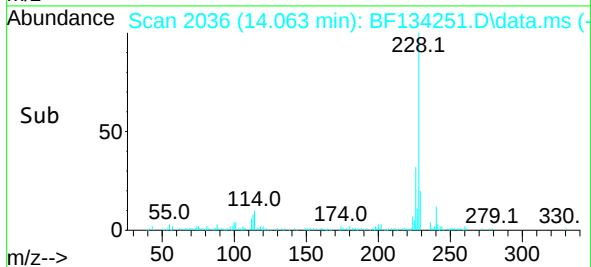
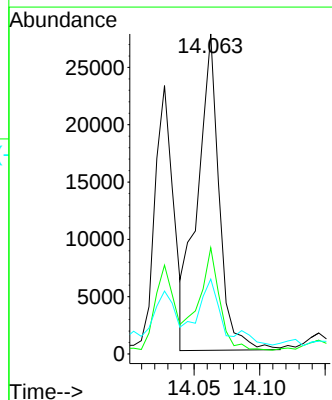
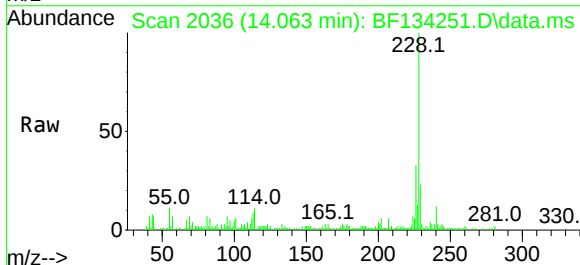
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347

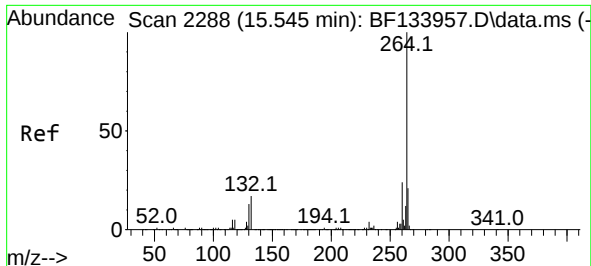
Tgt Ion:244 Resp: 296314
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 10.0 8.3 12.5



#83
 Chrysene
 Concen: 2.188 ng
 RT: 14.063 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF134251.D
 Acq: 12 Jul 2023 17:32

Tgt Ion:228 Resp: 31788
 Ion Ratio Lower Upper
 228 100
 226 33.2 24.4 36.6
 229 23.4 16.1 24.1



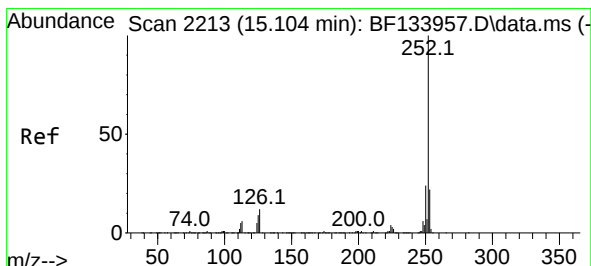
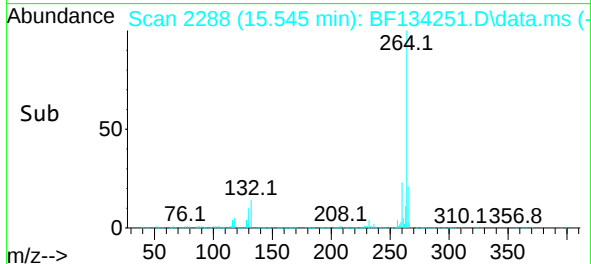
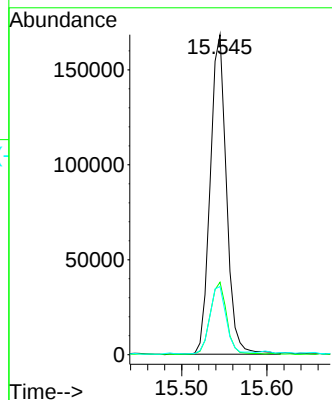
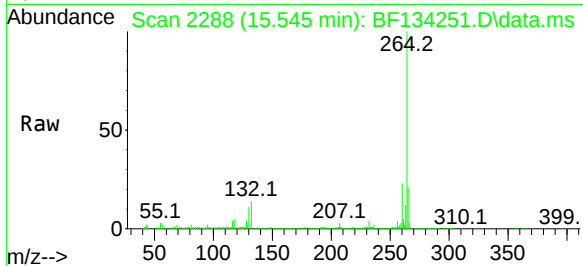


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Instrument :
BNA_F
ClientSampleId :
ETGI-347

Tgt Ion:264 Resp: 223182

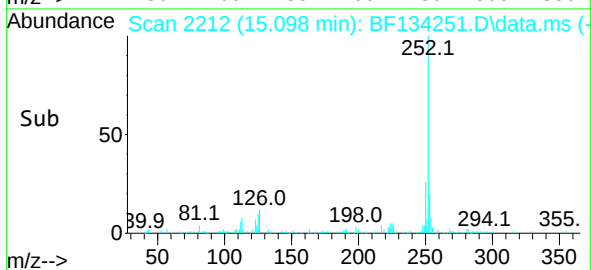
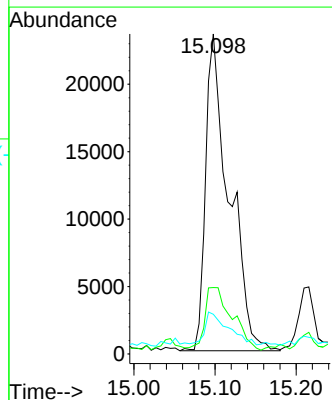
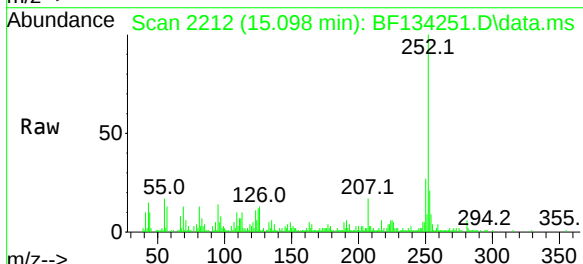
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.3	16.6	25.0

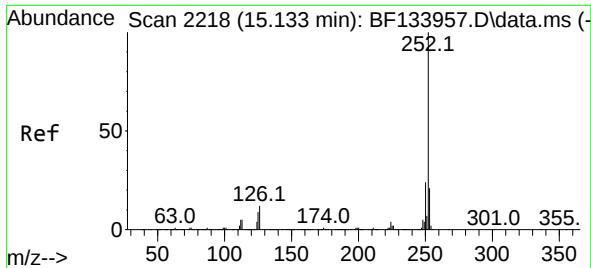


#88
Benzo(b)fluoranthene
Concen: 3.592 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF134251.D
Acq: 12 Jul 2023 17:32

Tgt Ion:252 Resp: 47144

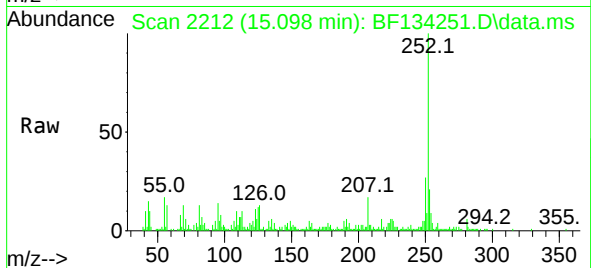
Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.0
125	12.4	7.1	10.7





#89
 Benzo(k)fluoranthene
 Concen: 3.528 ng
 RT: 15.098 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF134251.D
 Acq: 12 Jul 2023 17:32

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-347



Tgt Ion:252 Resp: 47144
 Ion Ratio Lower Upper
 252 100
 253 20.8 16.9 25.3
 125 12.4 7.4 11.2#

