

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130360.D
 Acq On : 21 Sep 2022 14:21
 Operator : CG\JU
 Sample : N4703-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

Quant Time: Sep 21 16:01:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

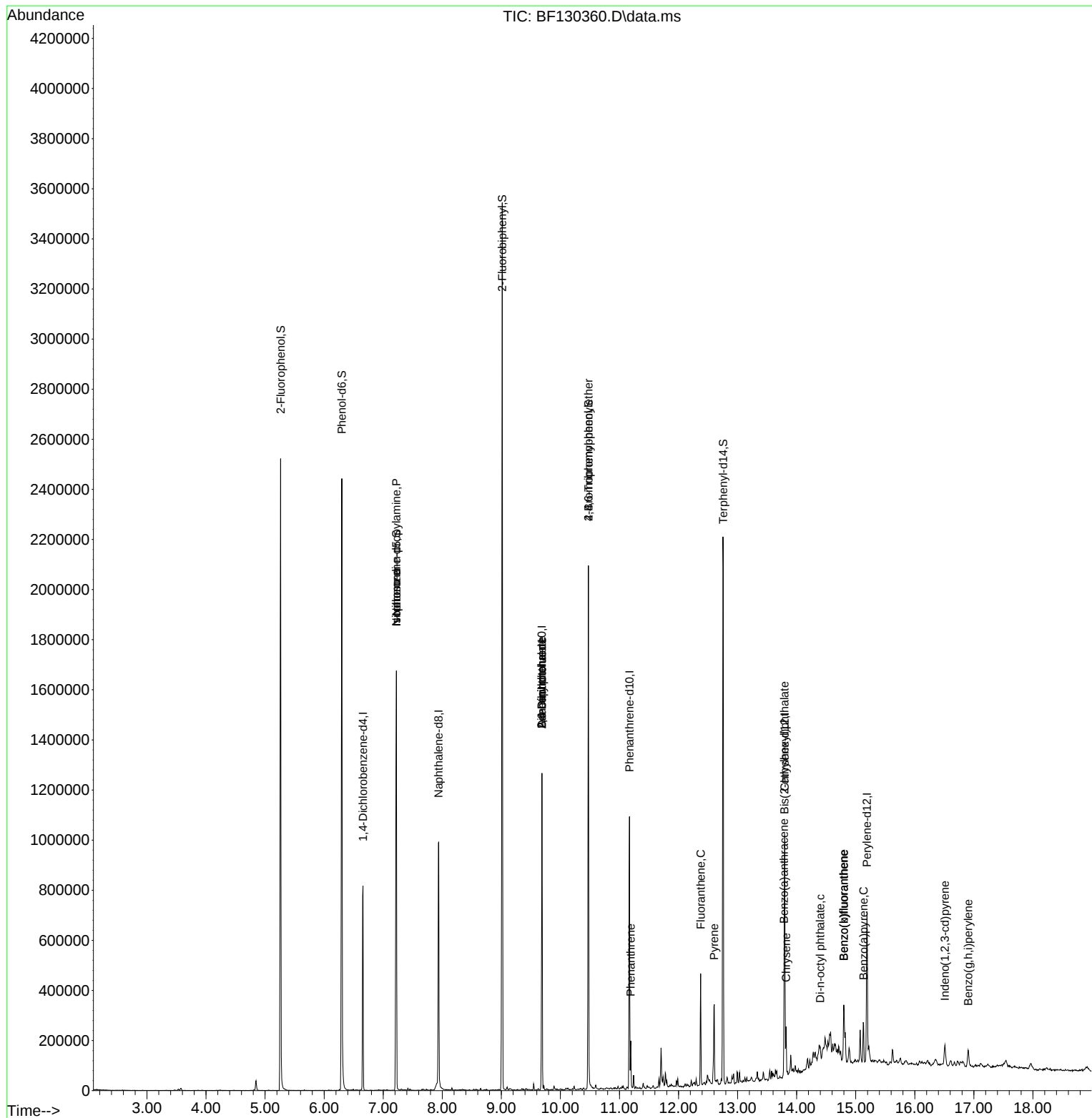
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	116879	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	458336	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	235627	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	364570	20.000	ng	0.00
76) Chrysene-d12	13.798	240	213305	20.000	ng	0.00
86) Perylene-d12	15.192	264	243954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	653302	96.949	ng	0.00
7) Phenol-d6	6.298	99	808410	95.879	ng	0.00
23) Nitrobenzene-d5	7.222	82	520628	58.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	217151	96.180	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	968165	59.833	ng	0.00
79) Terphenyl-d14	12.757	244	732696	56.900	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	70350	12.365	ng	# 74
25) Isophorone	7.222	82	517169	35.766	ng	# 66
50) Dimethylphthalate	9.686	163	43699	2.685	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	30280	8.896	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	30280	6.960	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	13655	3.395	ng	# 1
71) Phenanthrene	11.192	178	66739	3.261	ng	96
75) Fluoranthene	12.375	202	156784	7.927	ng	97
78) Pyrene	12.604	202	132208	7.085	ng	98
81) Benzo(a)anthracene	13.786	228	71143	5.014	ng	96
83) Chrysene	13.822	228	67408	5.003	ng	97
84) Bis(2-ethylhexyl)phtha...	13.792	149	73065	9.228	ng	99
85) Di-n-octyl phthalate	14.398	149	38307	3.163	ng	# 62
87) Indeno(1,2,3-cd)pyrene	16.510	276	53237	3.077	ng	# 95
88) Benzo(b)fluoranthene	14.798	252	151220	9.497	ng	98
89) Benzo(k)fluoranthene	14.798	252	151220	9.654	ng	98
90) Benzo(a)pyrene	15.133	252	70854	5.617	ng	99
92) Benzo(g,h,i)perylene	16.904	276	46372	3.244	ng	96

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

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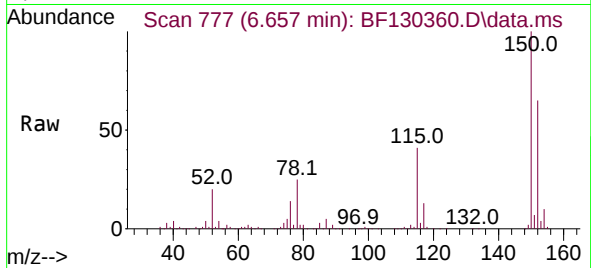
Quant Time: Sep 21 16:01:38 2022
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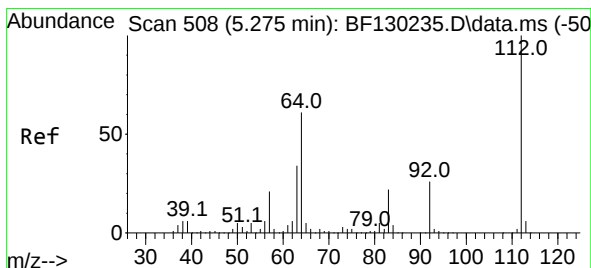
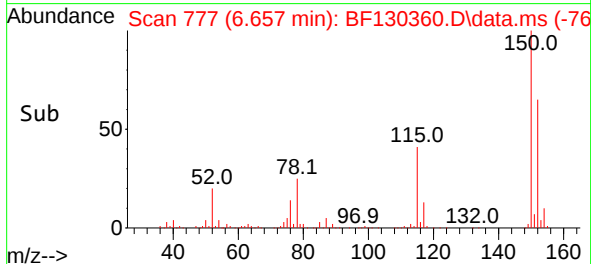
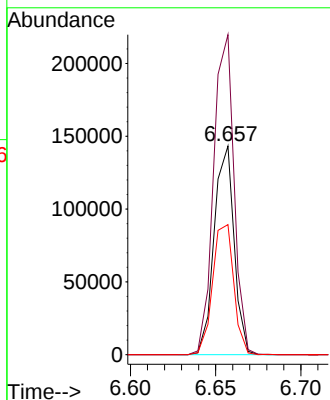


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Instrument :
BNA_F
ClientSampleId :
ETGI-363

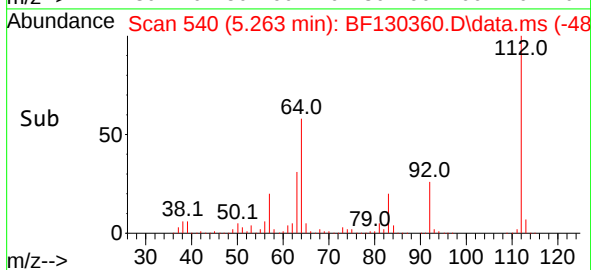
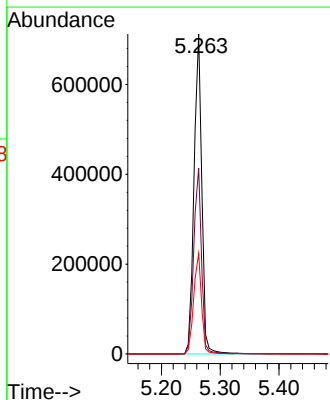
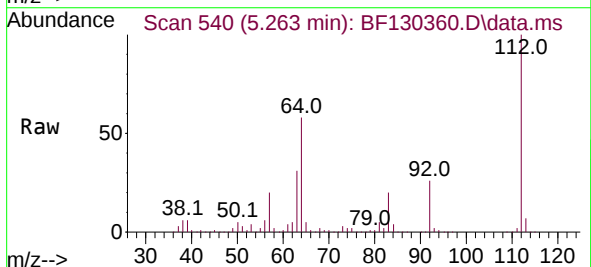


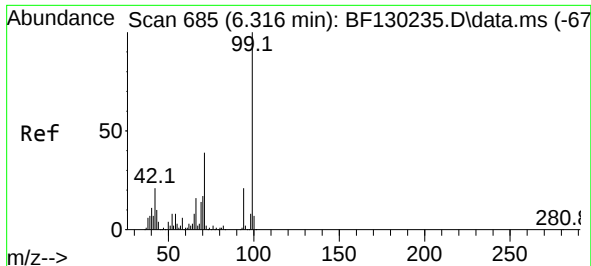
Tgt Ion:152 Resp: 116879
Ion Ratio Lower Upper
152 100
150 153.4 122.8 184.2
115 62.3 53.8 80.8



#5
2-Fluorophenol
Concen: 96.949 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion:112 Resp: 653302
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 31.4 28.8 43.2

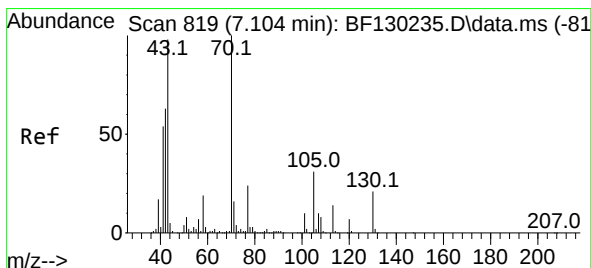
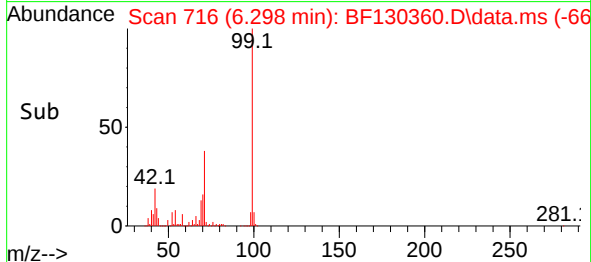
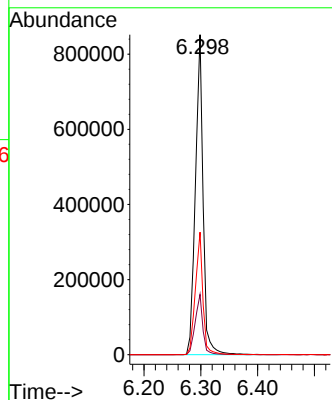
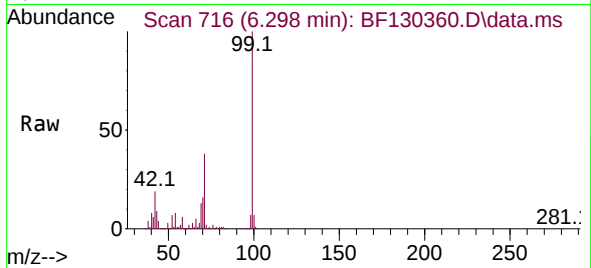




#7
Phenol-d6
Concen: 95.879 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

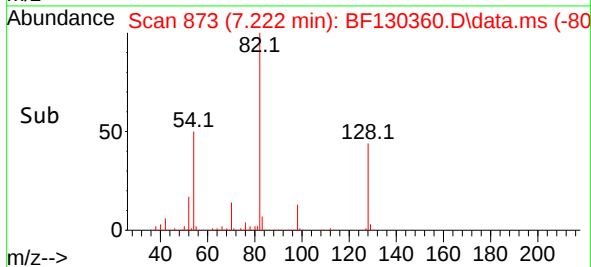
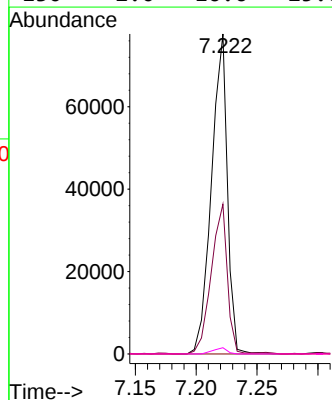
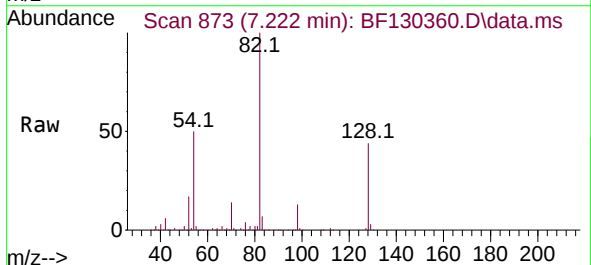
Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion: 99 Resp: 808410
Ion Ratio Lower Upper
99 100
42 18.9 17.0 25.6
71 38.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.365 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.130 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion: 70 Resp: 70350
Ion Ratio Lower Upper
70 100
42 46.8 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

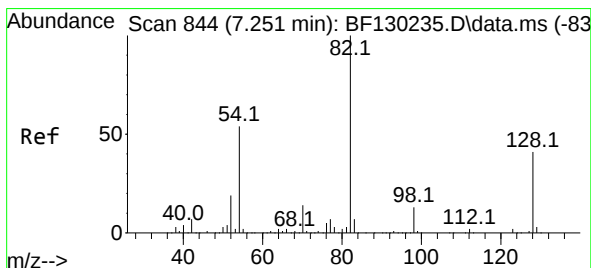
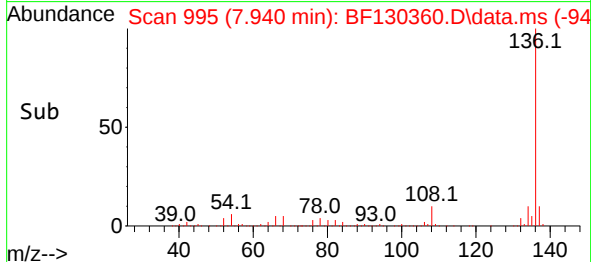
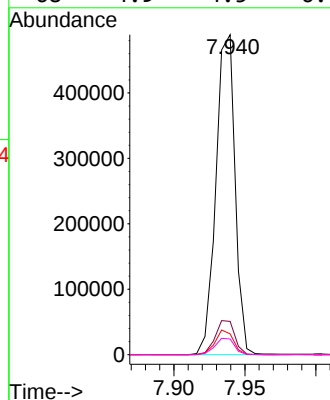
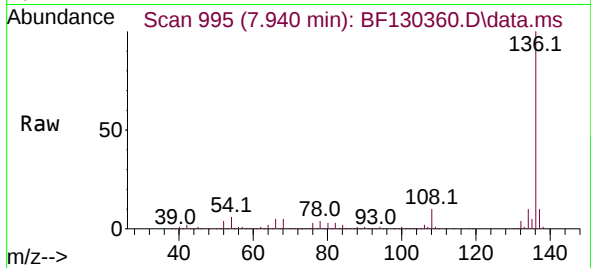




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

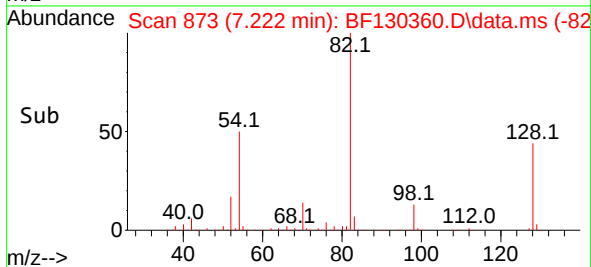
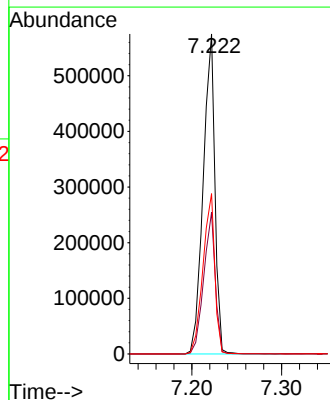
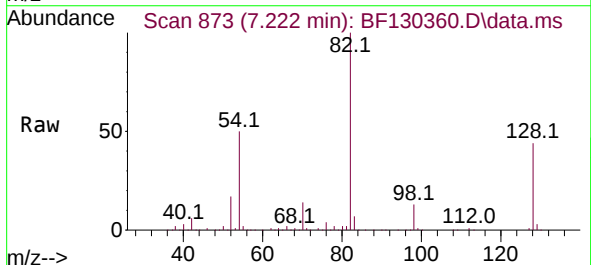
Instrument :
BNA_F
ClientSampleId :
ETGI-363

Tgt Ion:136 Resp: 458336
Ion Ratio Lower Upper
136 100
137 10.4 9.1 13.7
54 6.5 7.1 10.7#
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 58.032 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion: 82 Resp: 520628
Ion Ratio Lower Upper
82 100
128 44.2 32.6 49.0
54 50.1 43.8 65.6

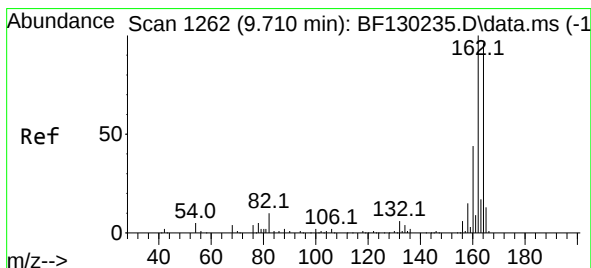
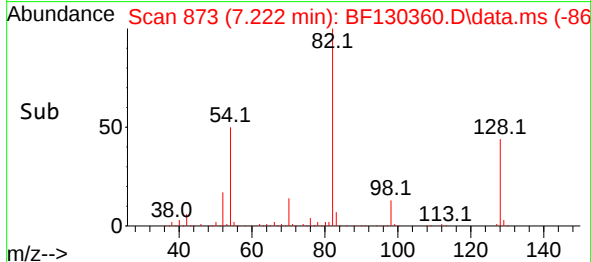
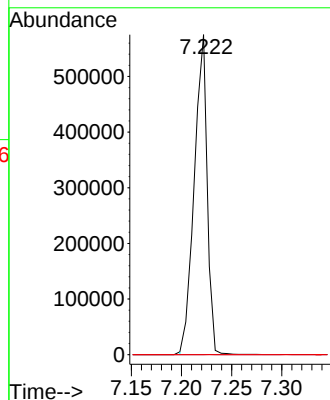
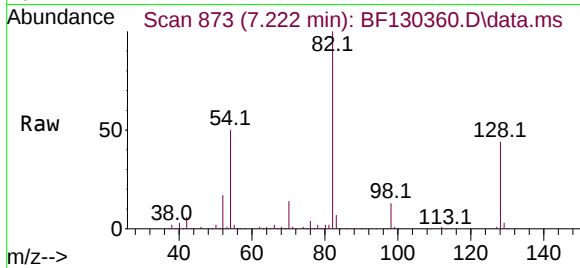




#25
Isophorone
Concen: 35.766 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

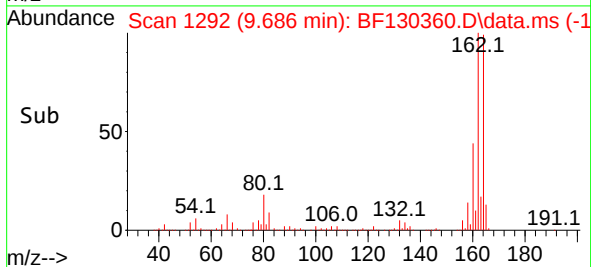
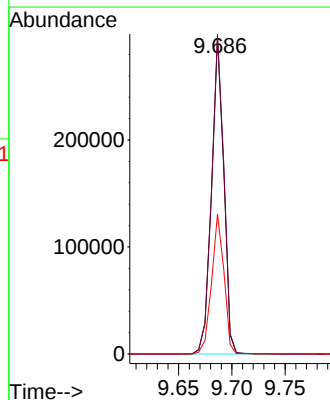
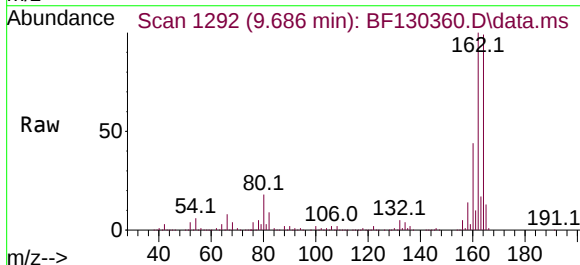
Instrument :
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ClientSampleId :
ETGI-363

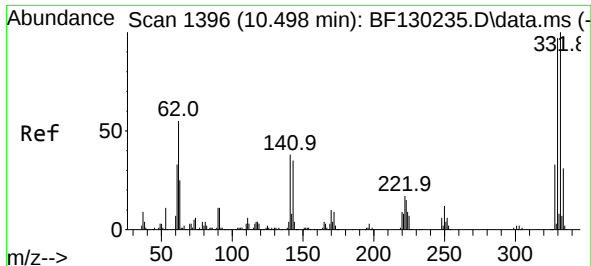
Tgt Ion: 82 Resp: 517169
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion: 164 Resp: 235627
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.180 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130360.D

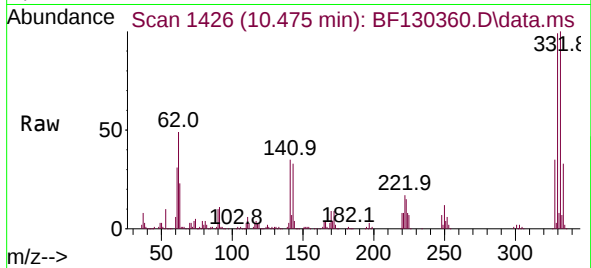
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Instrument :

BNA_F

ClientSampleId :

ETGI-363



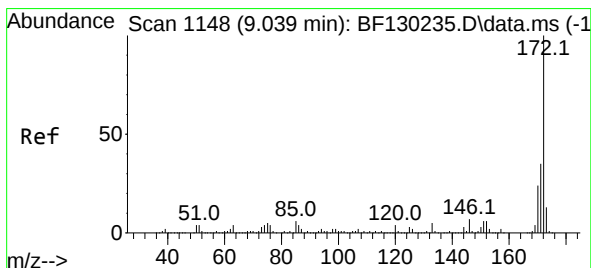
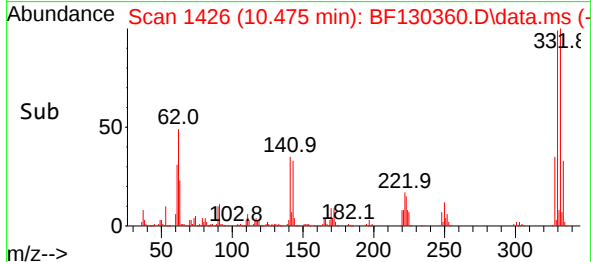
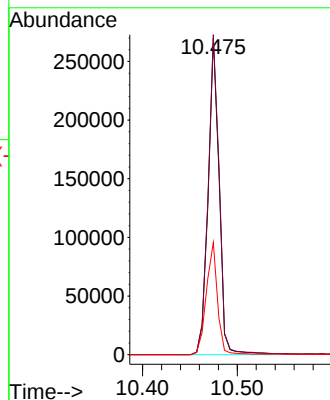
Tgt Ion:330 Resp: 217151

Ion Ratio Lower Upper

330 100

332 102.5 83.4 125.2

141 36.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 59.833 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

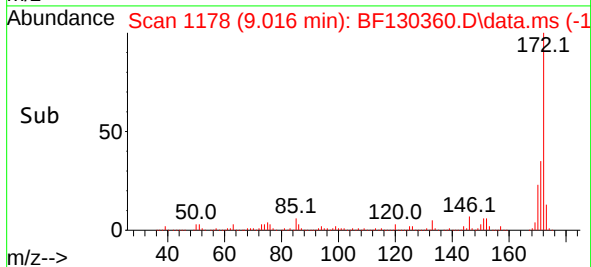
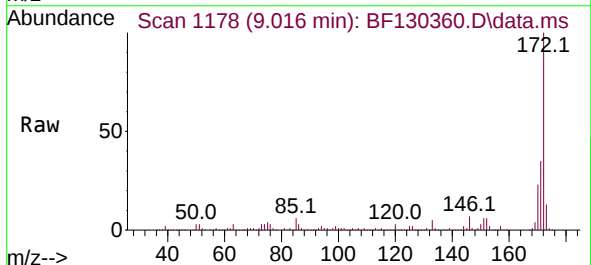
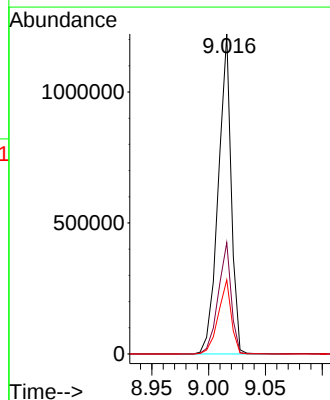
Tgt Ion:172 Resp: 968165

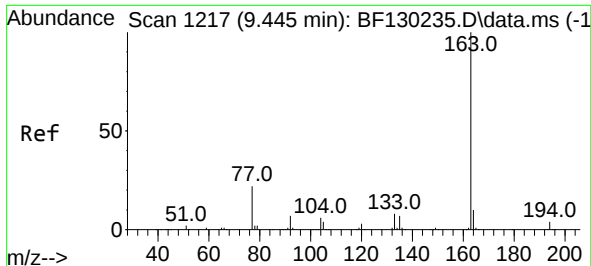
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.2 18.7 28.1

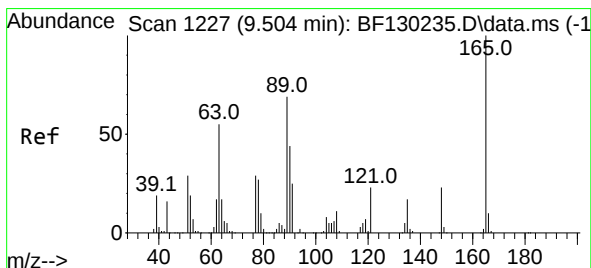
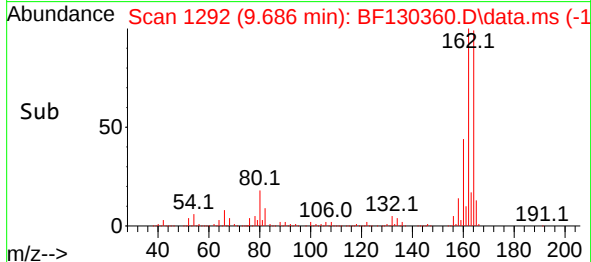
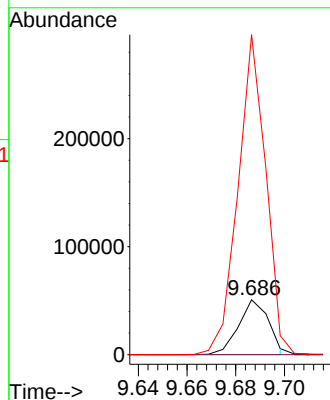
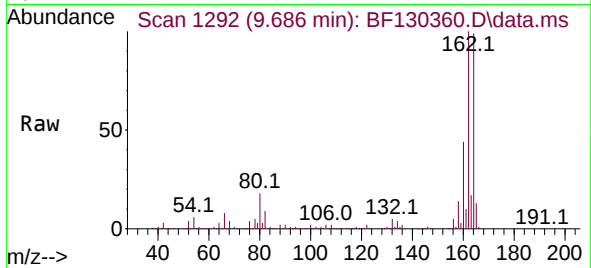




#50
Dimethylphthalate
Concen: 2.685 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.259 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

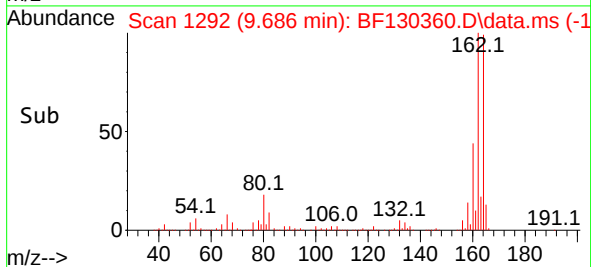
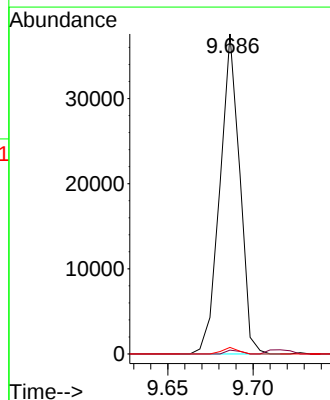
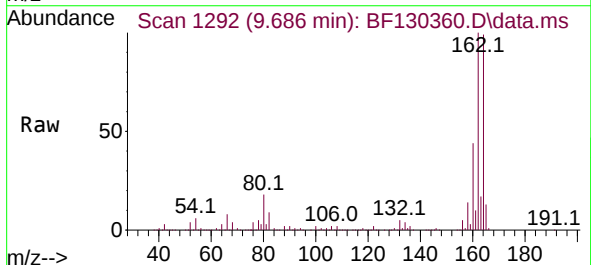
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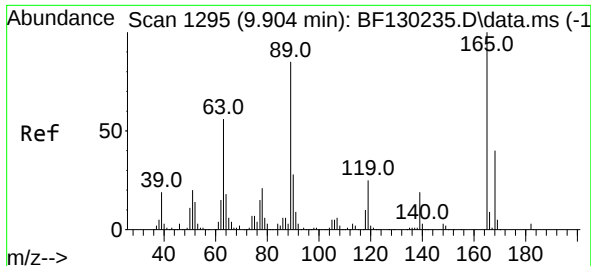
Tgt Ion:163 Resp: 43699
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 582.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.896 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion:165 Resp: 30280
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 2.1 54.5 81.7#

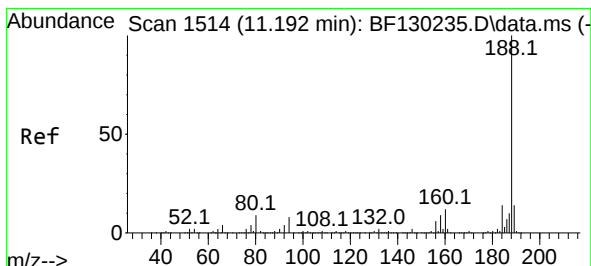
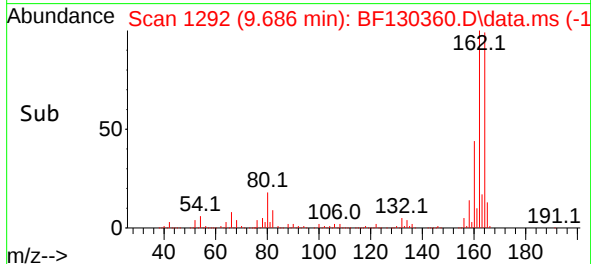
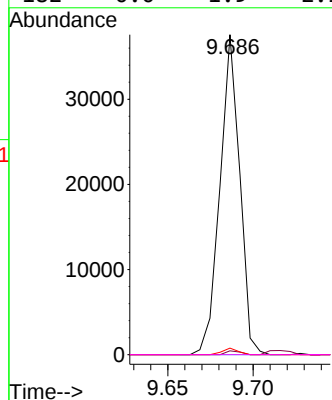
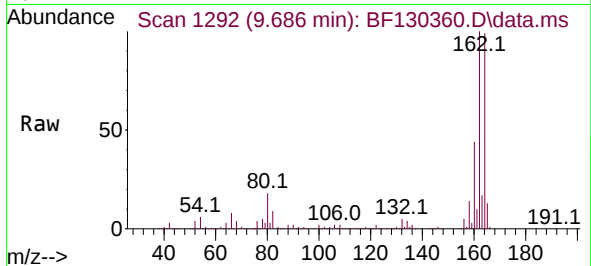




#57
2,4-Dinitrotoluene
Concen: 6.960 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

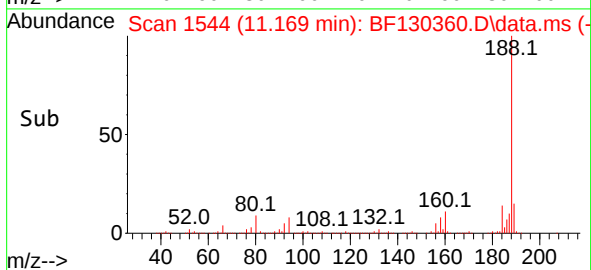
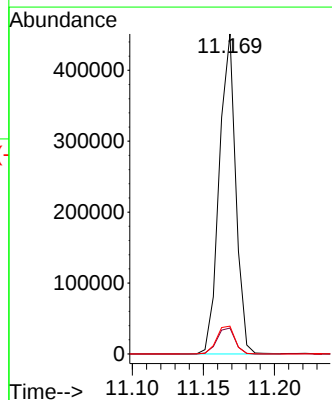
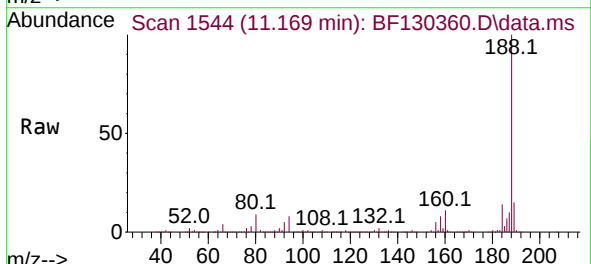
Instrument :
BNA_F
ClientSampleId :
ETGI-363

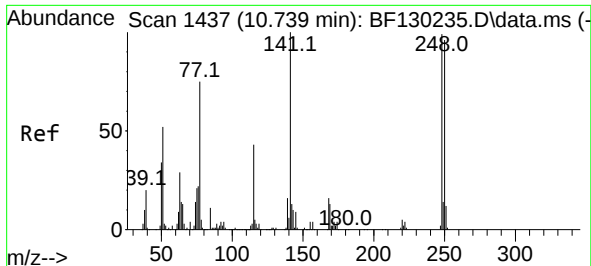
Tgt Ion:165 Resp: 30280
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 2.1 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion:188 Resp: 364570
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.7 7.9 11.9





#67

4-Bromophenyl-phenylether

Concen: 3.395 ng

RT: 10.475 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

Instrument :

BNA_F

ClientSampleId :

ETGI-363

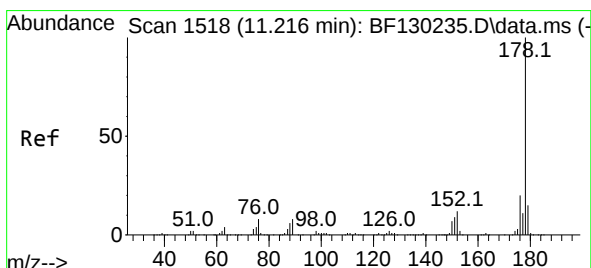
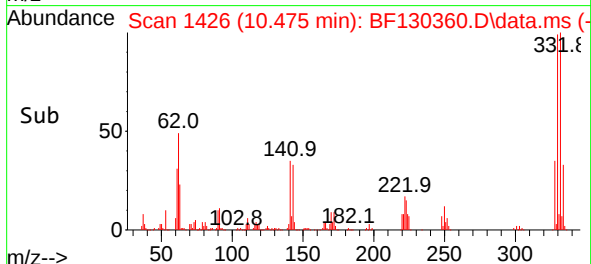
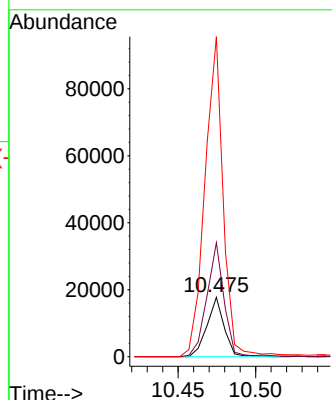
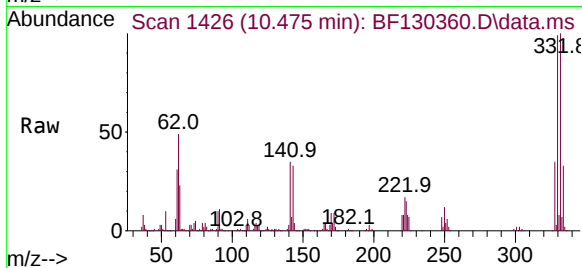
Tgt Ion:248 Resp: 13655

Ion Ratio Lower Upper

248 100

250 191.6 80.0 120.0#

141 538.4 68.5 102.7#



#71

Phenanthrene

Concen: 3.261 ng

RT: 11.192 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

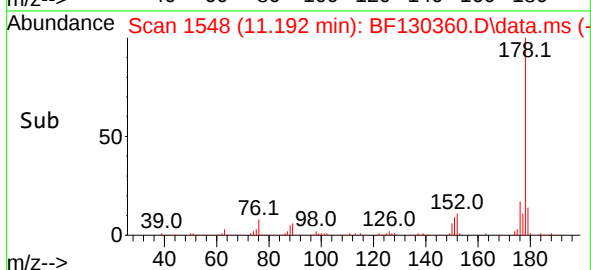
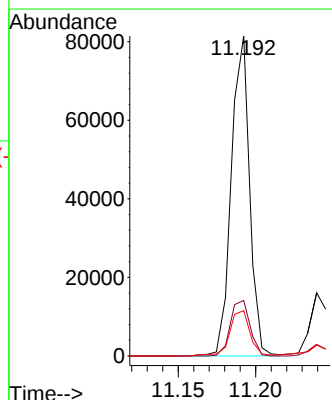
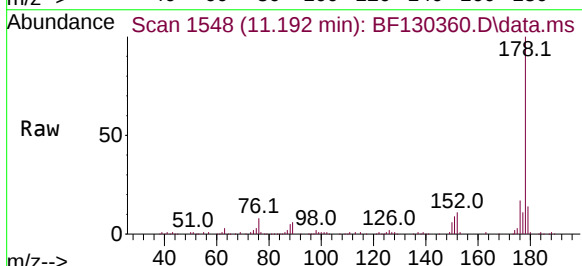
Tgt Ion:178 Resp: 66739

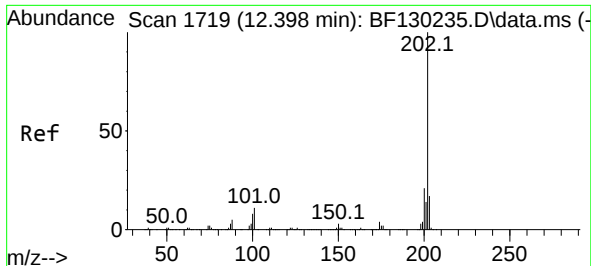
Ion Ratio Lower Upper

178 100

176 17.4 15.4 23.0

179 14.1 12.4 18.6

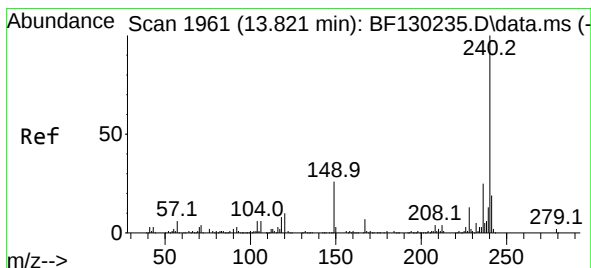
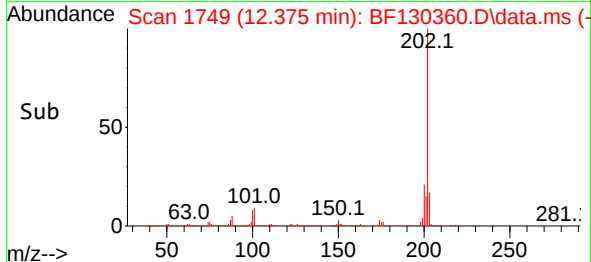
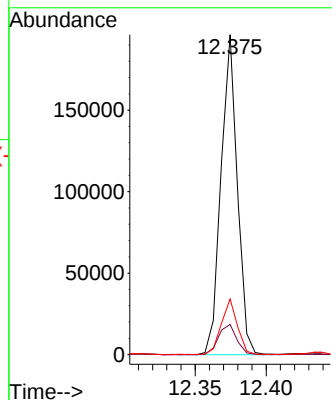
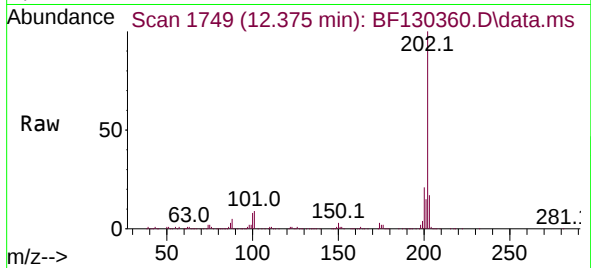




#75
Fluoranthene
Concen: 7.927 ng
RT: 12.375 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

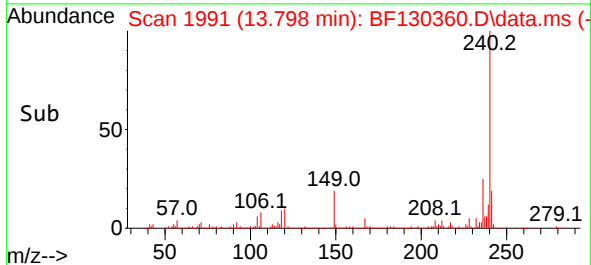
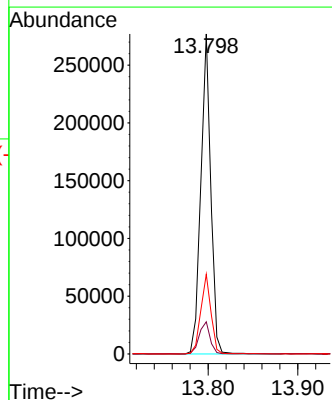
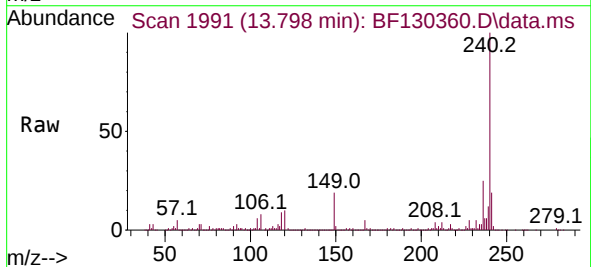
Instrument :
BNA_F
ClientSampleId :
ETGI-363

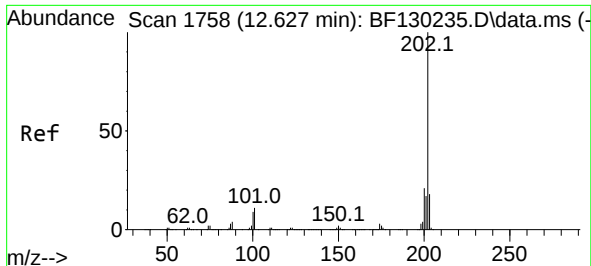
Tgt Ion:202 Resp: 156784
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.8
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion:240 Resp: 213305
Ion Ratio Lower Upper
240 100
120 10.0 8.7 13.1
236 24.9 20.9 31.3

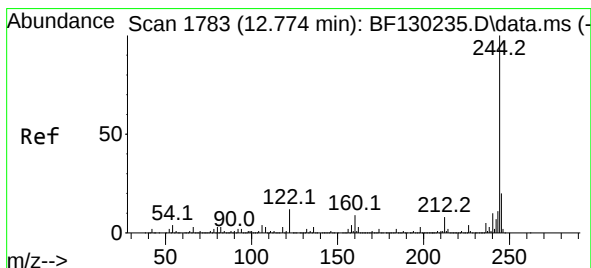
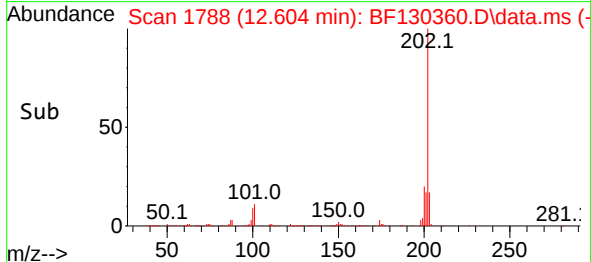
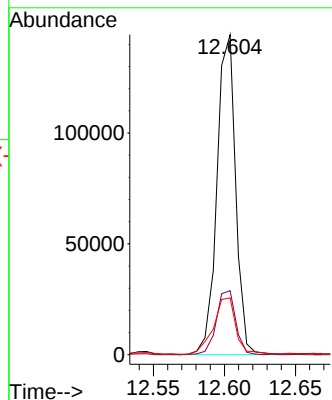
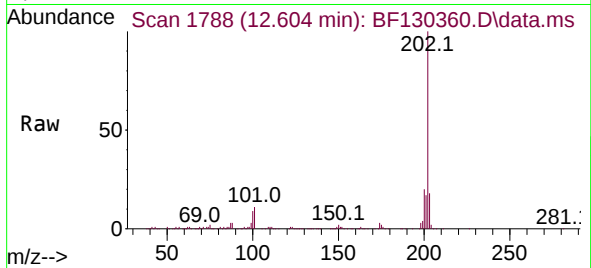




#78
 Pyrene
 Concen: 7.085 ng
 RT: 12.604 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130360.D
 Acq: 21 Sep 2022 14:21

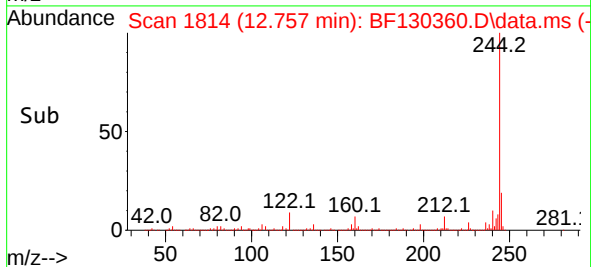
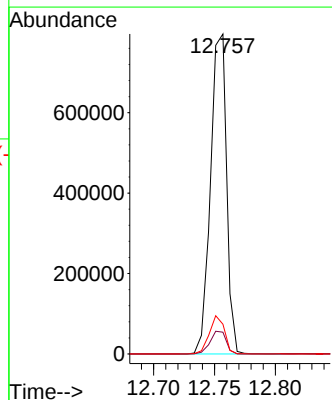
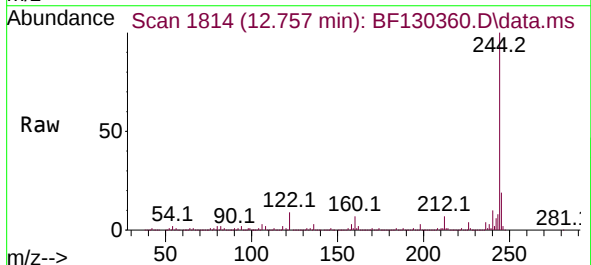
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-363

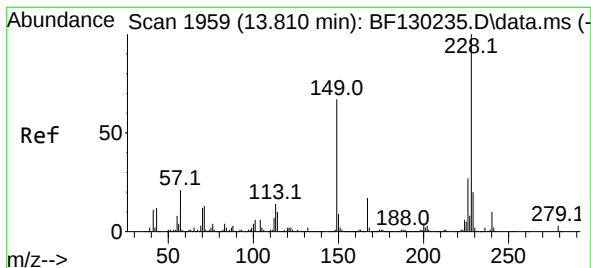
Tgt Ion:202 Resp: 132208
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.2 25.8
 203 17.7 14.3 21.5



#79
 Terphenyl-d14
 Concen: 56.900 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF130360.D
 Acq: 21 Sep 2022 14:21

Tgt Ion:244 Resp: 732696
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.3 8.5 12.7





#81

Benzo(a)anthracene

Concen: 5.014 ng

RT: 13.786 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

Instrument :

BNA_F

ClientSampleId :

ETGI-363

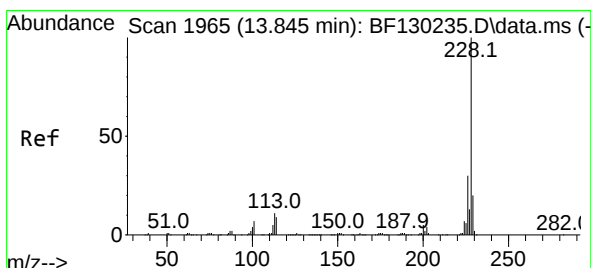
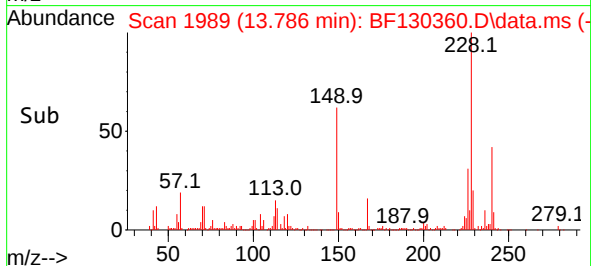
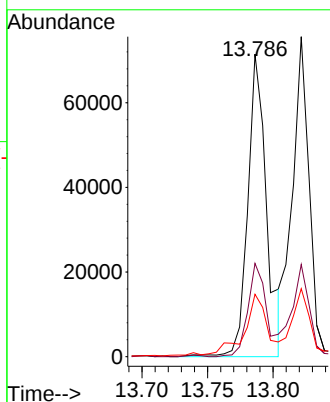
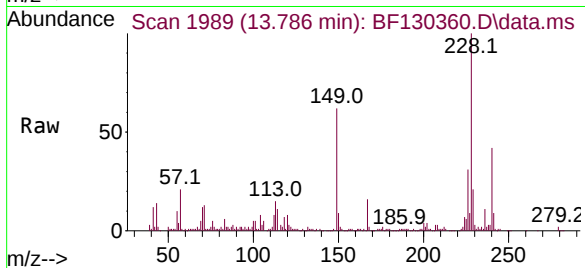
Tgt Ion:228 Resp: 71143

Ion Ratio Lower Upper

228 100

226 30.8 21.9 32.9

229 20.6 16.1 24.1



#83

Chrysene

Concen: 5.003 ng

RT: 13.822 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

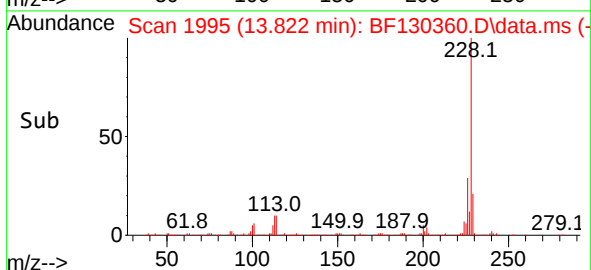
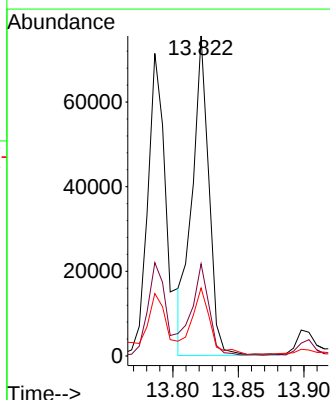
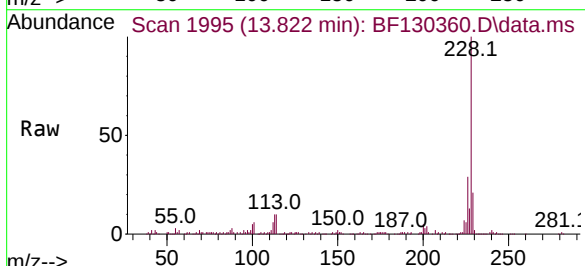
Tgt Ion:228 Resp: 67408

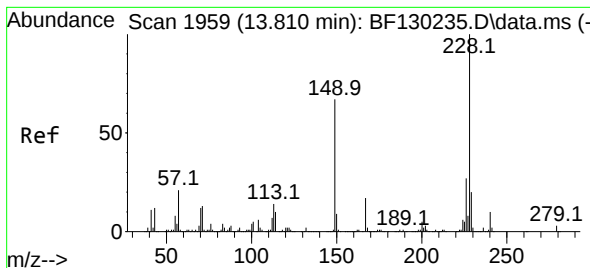
Ion Ratio Lower Upper

228 100

226 28.8 23.8 35.8

229 21.3 15.3 22.9

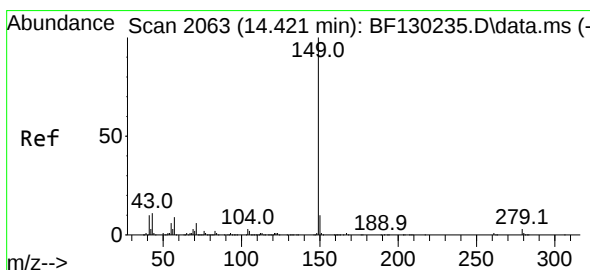
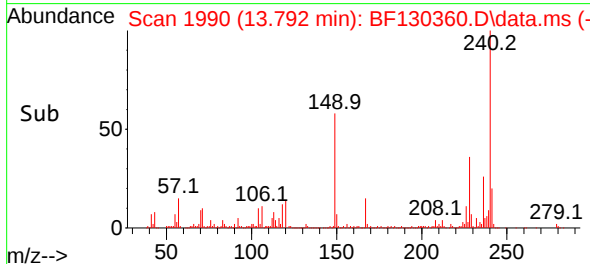
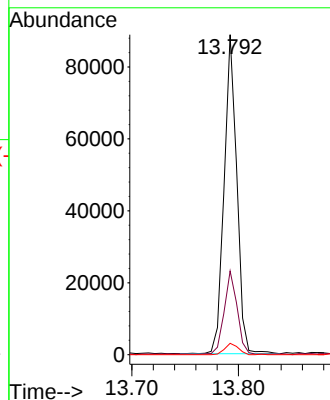
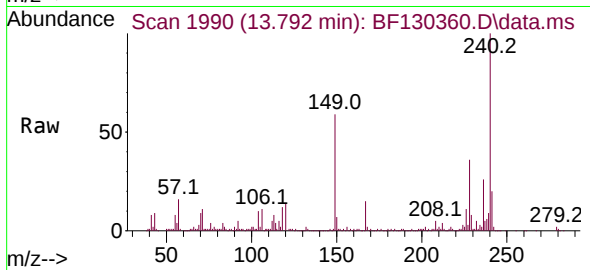




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.228 ng
RT: 13.792 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

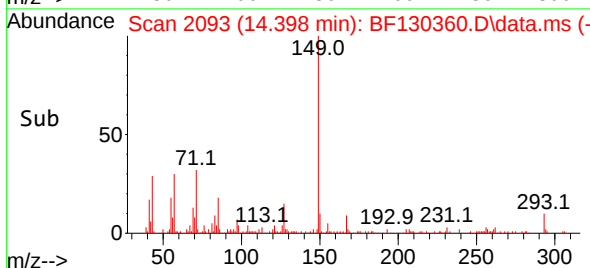
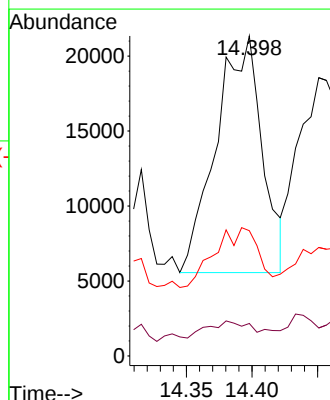
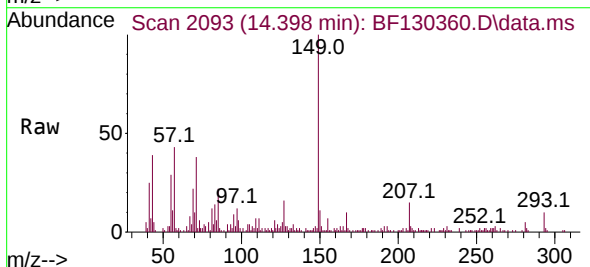
Instrument :
BNA_F
ClientSampleId :
ETGI-363

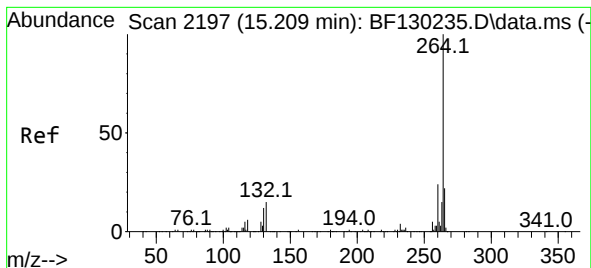
Tgt Ion:149 Resp: 73065
Ion Ratio Lower Upper
149 100
167 26.2 20.5 30.7
279 3.6 2.9 4.3



#85
Di-n-octyl phthalate
Concen: 3.163 ng
RT: 14.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF130360.D
Acq: 21 Sep 2022 14:21

Tgt Ion:149 Resp: 38307
Ion Ratio Lower Upper
149 100
167 12.7 1.2 1.8#
43 25.8 8.7 13.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

Instrument :

BNA_F

ClientSampleId :

ETGI-363

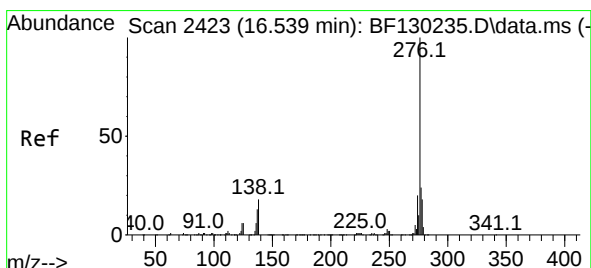
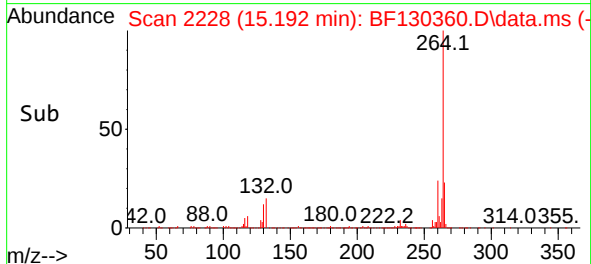
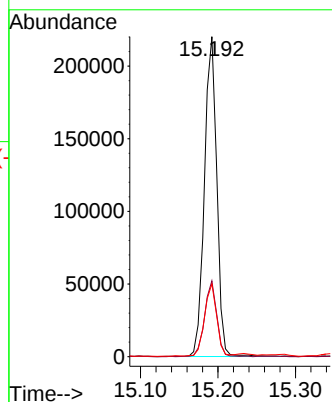
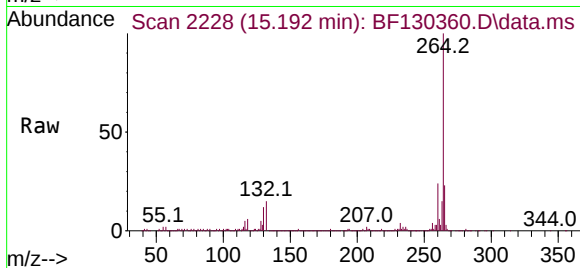
Tgt Ion:264 Resp: 243954

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 22.8 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.077 ng

RT: 16.510 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

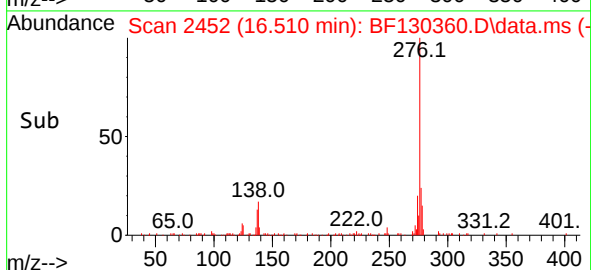
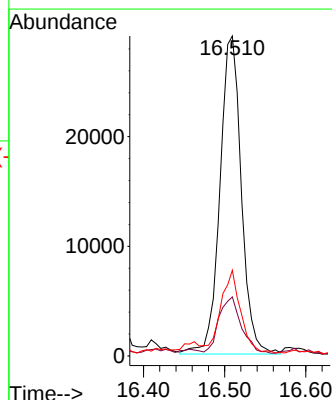
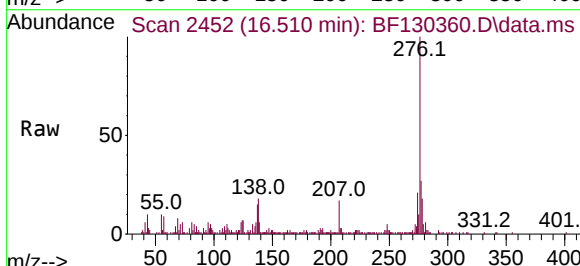
Tgt Ion:276 Resp: 53237

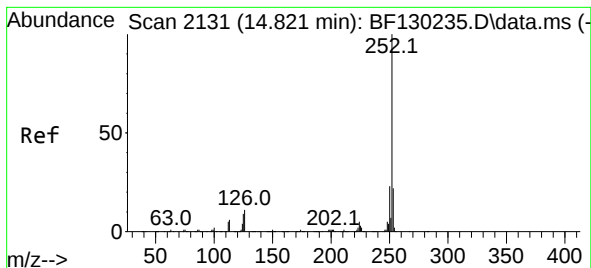
Ion Ratio Lower Upper

276 100

138 18.3 18.5 27.7#

277 26.0 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 9.497 ng

RT: 14.798 min Scan# 2161

Delta R.T. 0.000 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

Instrument :

BNA_F

ClientSampleId :

ETGI-363

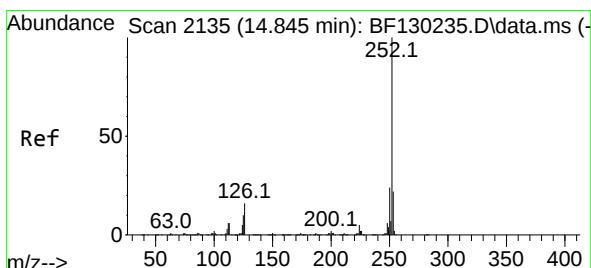
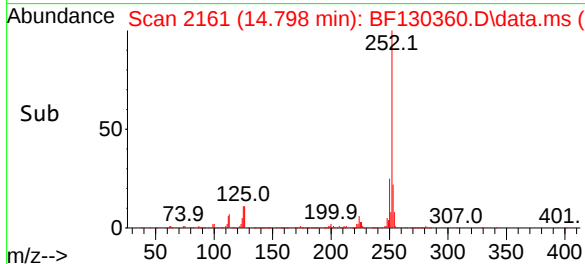
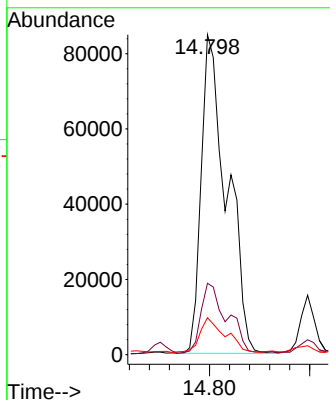
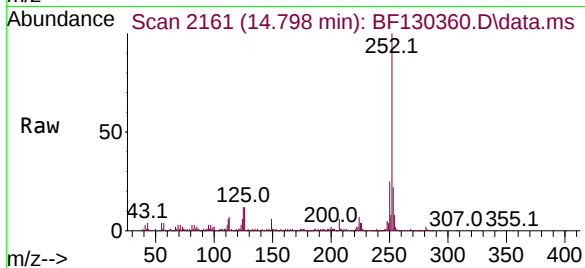
Tgt Ion:252 Resp: 151220

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.5 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 9.654 ng

RT: 14.798 min Scan# 2161

Delta R.T. -0.029 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

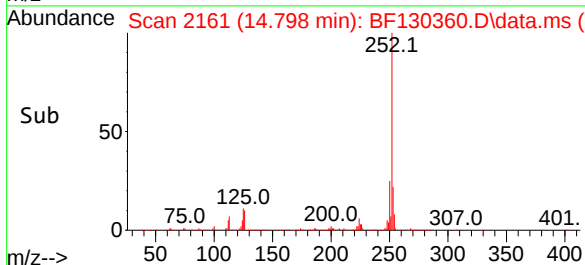
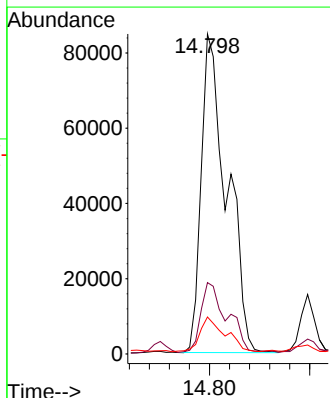
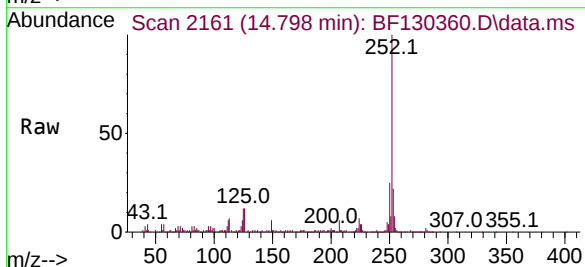
Tgt Ion:252 Resp: 151220

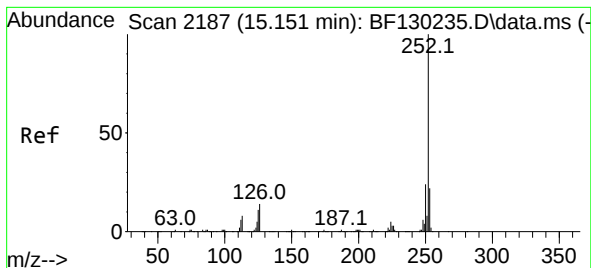
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.5 7.9 11.9





#90

Benzo(a)pyrene

Concen: 5.617 ng

RT: 15.133 min Scan# 2187

Delta R.T. 0.000 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

Instrument :

BNA_F

ClientSampleId :

ETGI-363

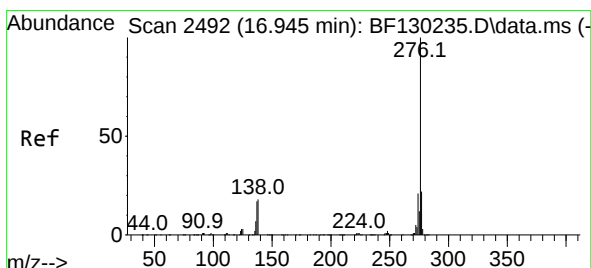
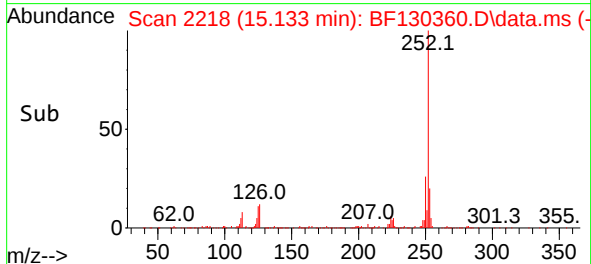
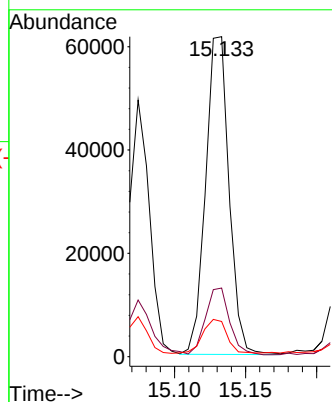
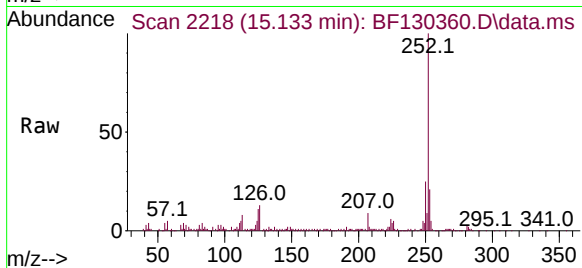
Tgt Ion:252 Resp: 70854

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 11.0 9.0 13.6



#92

Benzo(g,h,i)perylene

Concen: 3.244 ng

RT: 16.904 min Scan# 2519

Delta R.T. -0.006 min

Lab File: BF130360.D

Acq: 21 Sep 2022 14:21

Tgt Ion:276 Resp: 46372

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 20.7 14.6 21.8

