

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128054.D
 Acq On : 03 May 2022 19:12
 Operator : CG\JU
 Sample : N2650-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-349

Quant Time: May 04 04:27:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

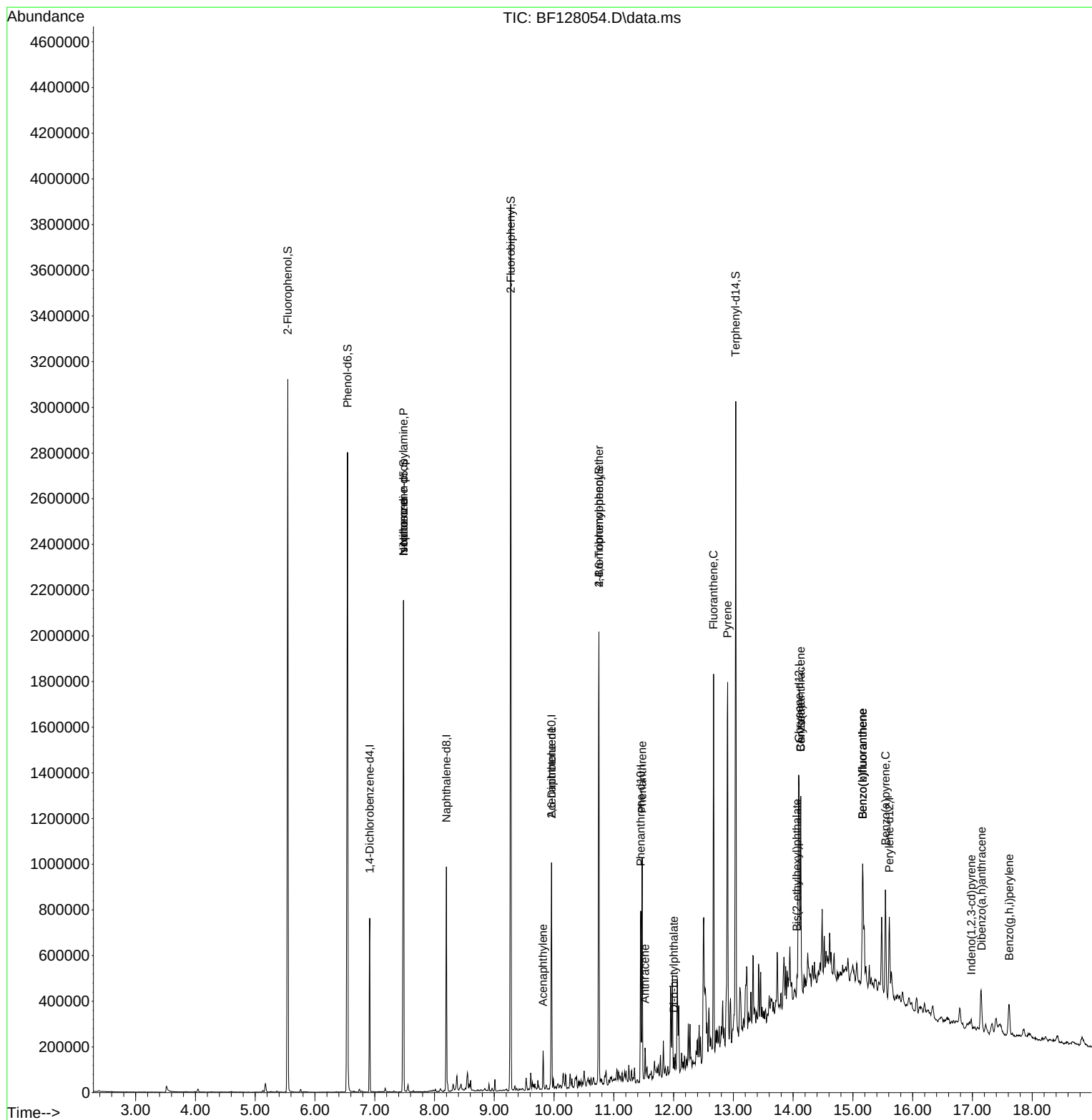
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	100937	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	375537	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	186707	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	270464	20.000	ng	0.00
76) Chrysene-d12	14.098	240	185015	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	139005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	784863	123.851	ng	0.00
7) Phenol-d6	6.546	99	1041547	126.665	ng	0.00
23) Nitrobenzene-d5	7.481	82	749978	93.911	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	223545	118.937	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1154342	104.594	ng	0.00
79) Terphenyl-d14	13.039	244	929474	91.863	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	102310	20.325	ng	# 79
25) Isophorone	7.481	82	749969	55.797	ng	# 68
49) Acenaphthylene	9.816	152	59941	3.722	ng	98
51) 2,6-Dinitrotoluene	9.957	165	24995	9.220	ng	# 22
67) 4-Bromophenyl-phenylether	10.751	248	14267	4.758	ng	# 1
71) Phenanthrene	11.475	178	328551	23.207	ng	99
72) Anthracene	11.522	178	55865	3.961	ng	100
74) Di-n-butylphthalate	12.004	149	34000	2.225	ng	99
75) Fluoranthene	12.669	202	605485	40.636	ng	99
78) Pyrene	12.904	202	649715	43.502	ng	99
81) Benzo(a)anthracene	14.127	228	339106	27.499	ng	93
83) Chrysene	14.127	228	339106	28.793	ng	97
84) Bis(2-ethylhexyl)phtha...	14.063	149	26013	3.351	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	24022	2.589	ng	99
88) Benzo(b)fluoranthene	15.163	252	402132	46.059	ng	98
89) Benzo(k)fluoranthene	15.163	252	402132	45.717	ng	# 97
90) Benzo(a)pyrene	15.545	252	210031	29.002	ng	98
91) Dibenzo(a,h)anthracene	17.151	278	33969	4.565	ng	# 81
92) Benzo(g,h,i)perylene	17.615	276	119910	15.291	ng	99

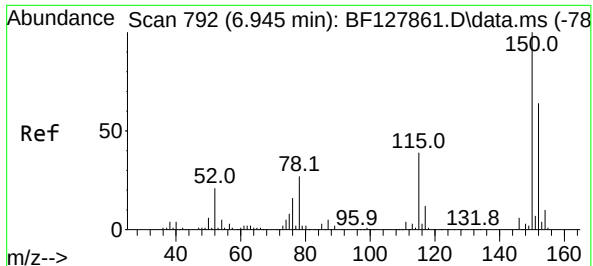
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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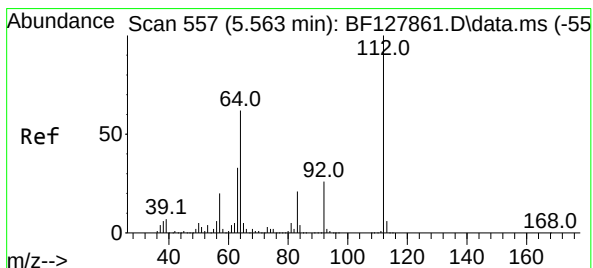
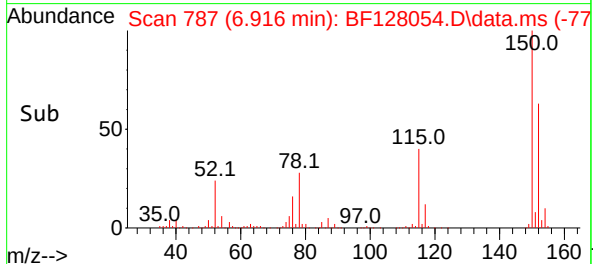
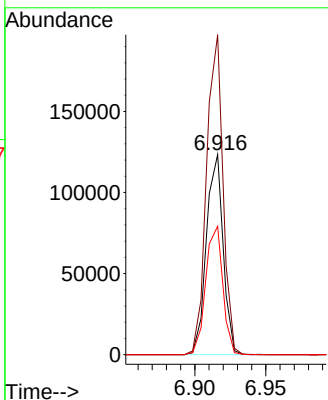
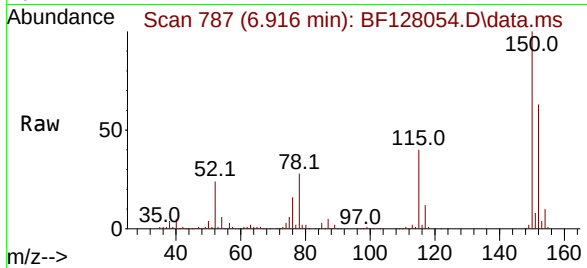




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

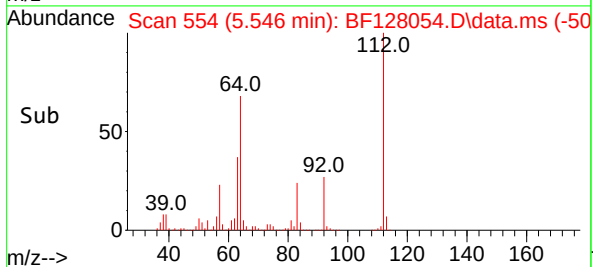
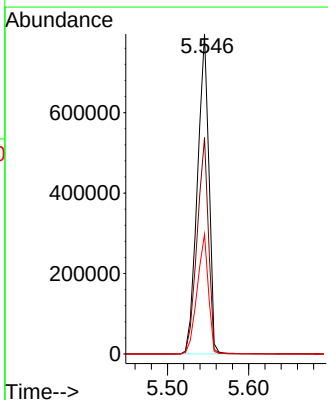
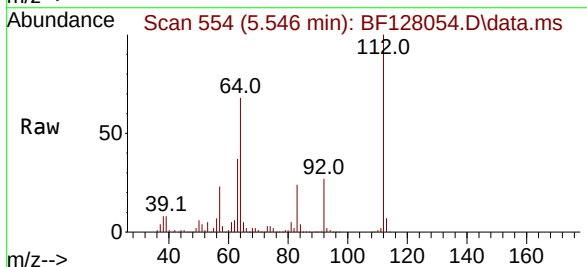
Instrument :
BNA_F
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ETGI-349

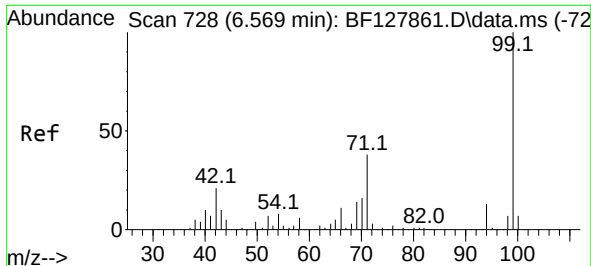
Tgt Ion:152 Resp: 100937
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 64.1 48.8 73.2



#5
2-Fluorophenol
Concen: 123.851 ng
RT: 5.546 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:112 Resp: 784863
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 37.4 26.3 39.5

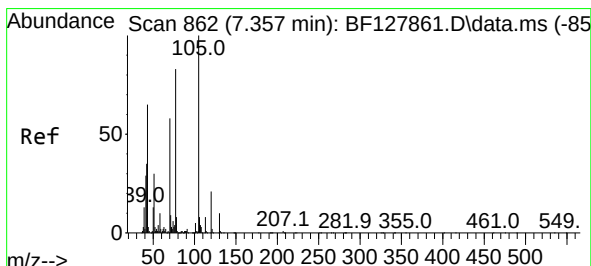
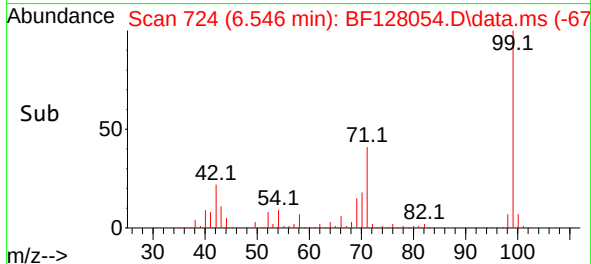
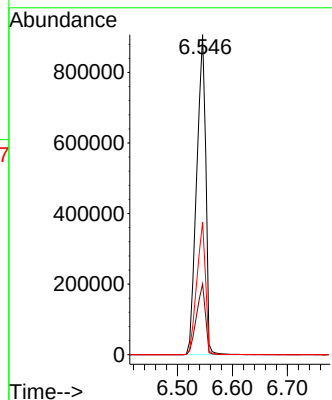
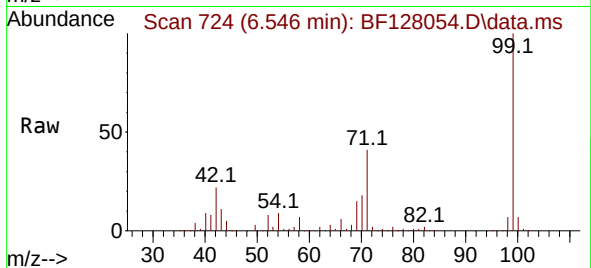




#7
Phenol-d6
Concen: 126.665 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

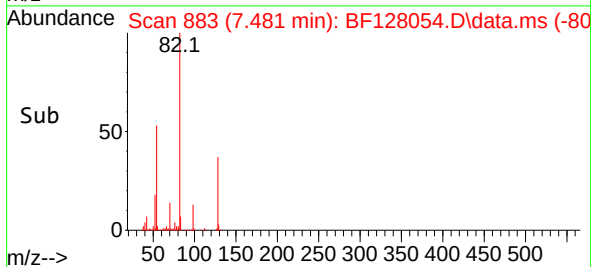
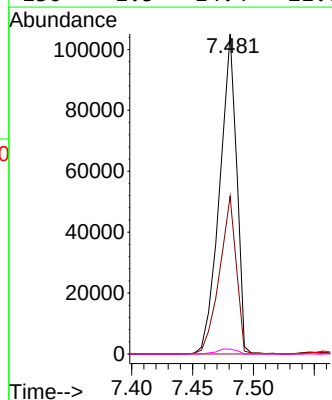
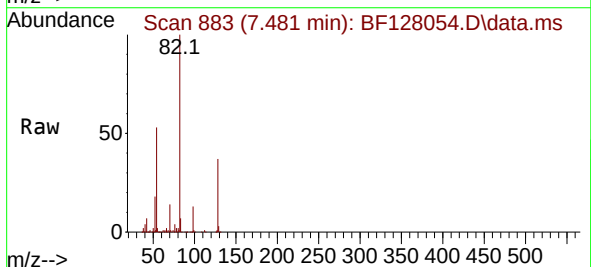
Instrument :
BNA_F
ClientSampleId :
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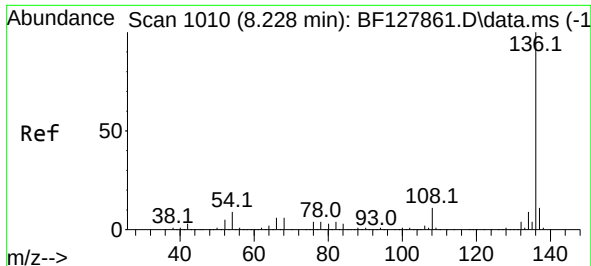
Tgt Ion: 99 Resp: 1041547
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.325 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion: 70 Resp: 102310
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

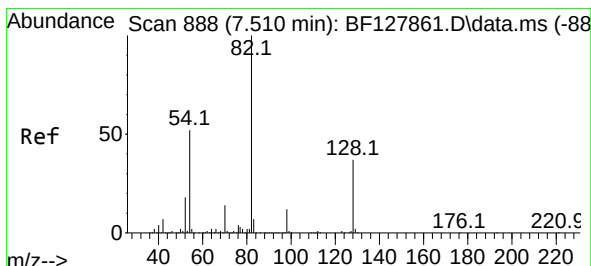
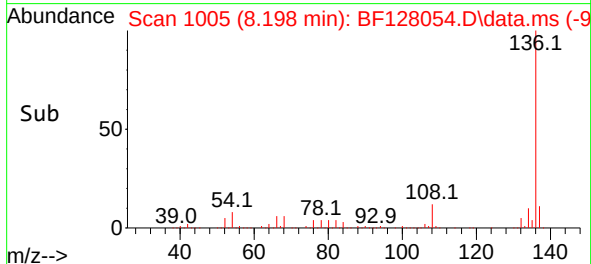
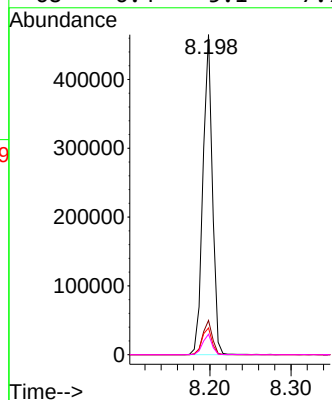
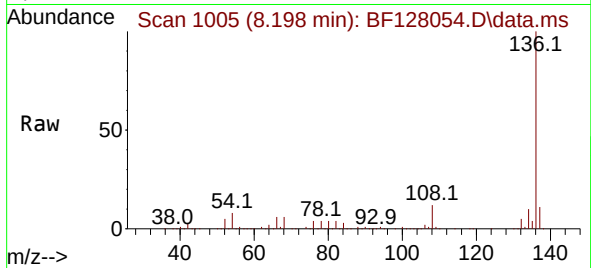




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

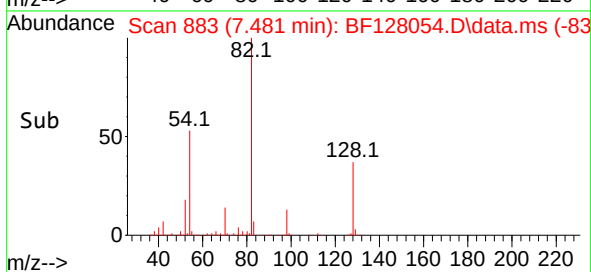
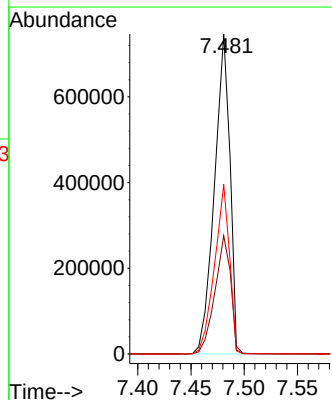
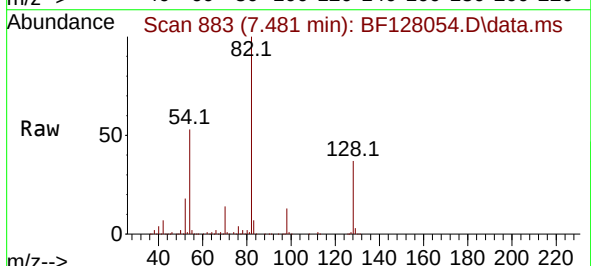
Instrument :
BNA_F
ClientSampleId :
ETGI-349

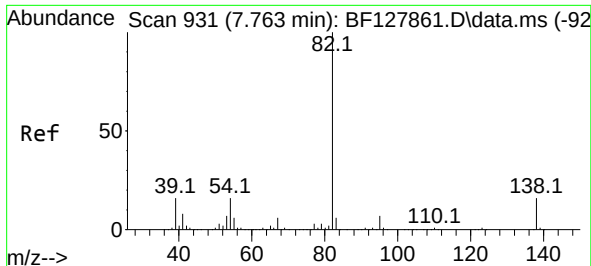
Tgt Ion:	136	Resp:	375537
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.3	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 93.911 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:	82	Resp:	749978
Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.0	45.0
54	53.0	41.3	61.9

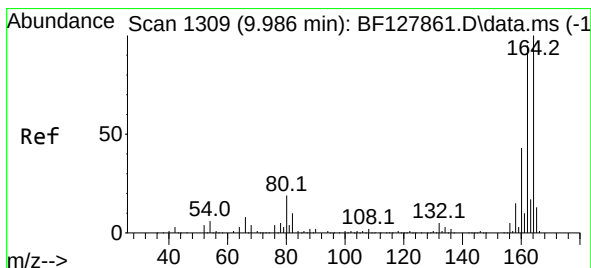
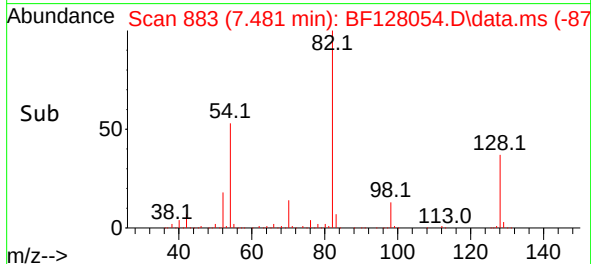
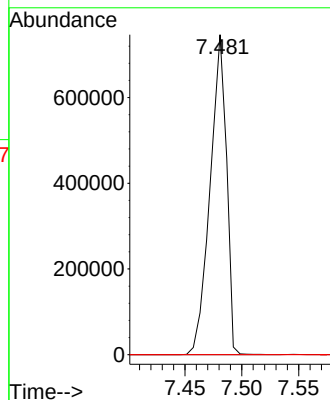
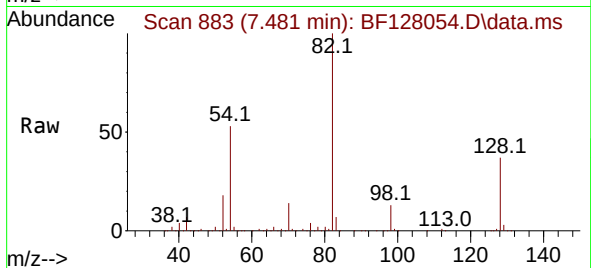




#25
Isophorone
Concen: 55.797 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

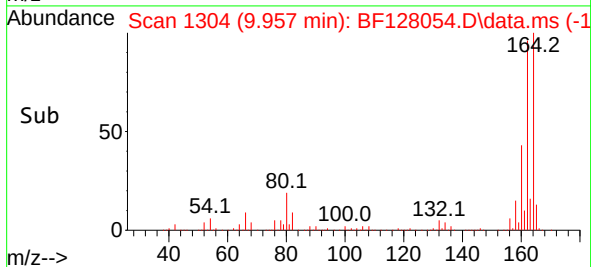
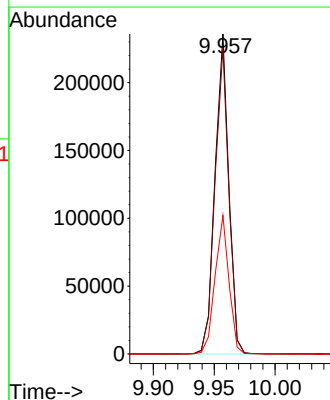
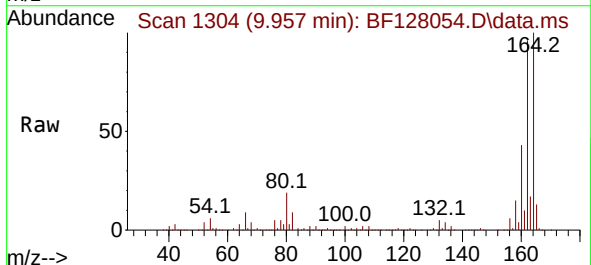
Instrument :
BNA_F
ClientSampleId :
ETGI-349

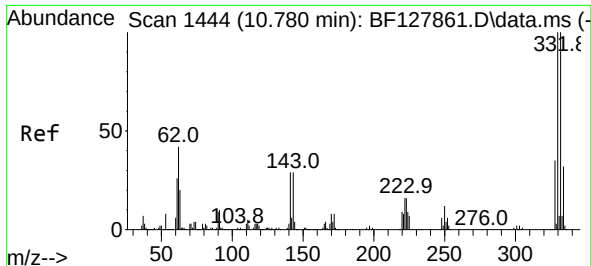
Tgt Ion: 82 Resp: 749969
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion: 164 Resp: 186707
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 118.937 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

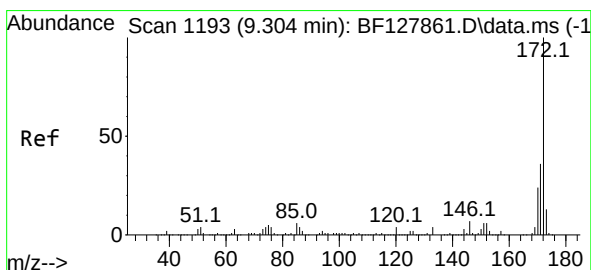
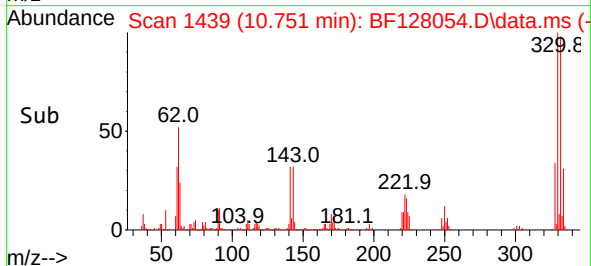
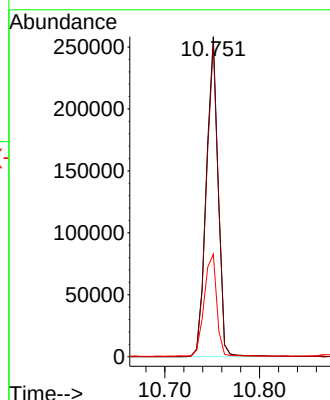
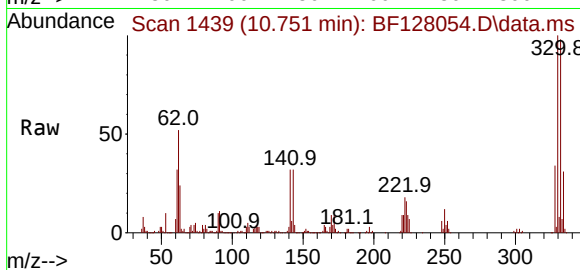
Tgt Ion:330 Resp: 223545

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 104.594 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

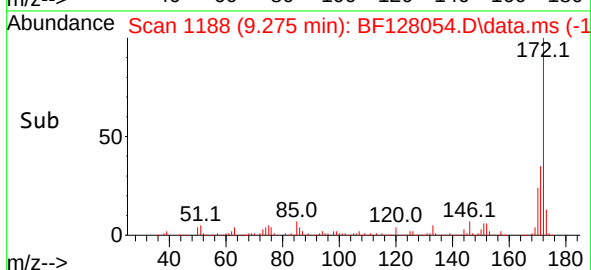
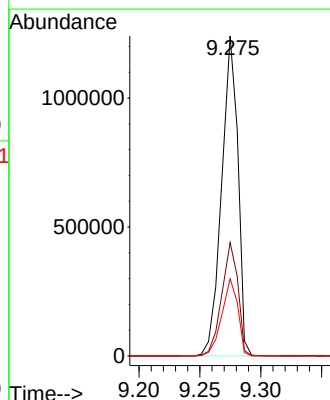
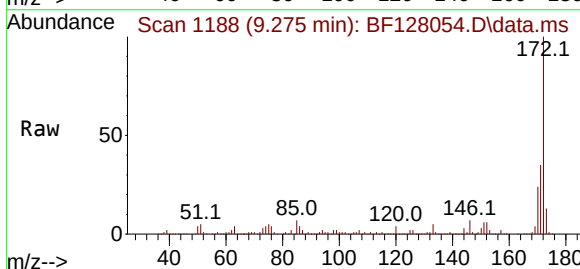
Tgt Ion:172 Resp: 1154342

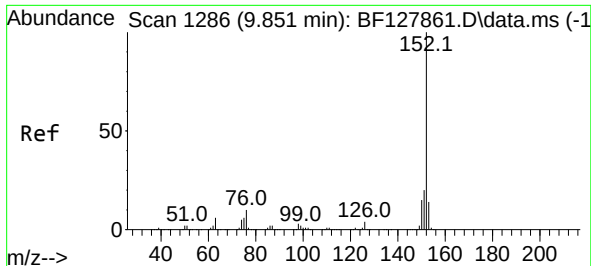
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 24.2 19.1 28.7





#49

Acenaphthylene

Concen: 3.722 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

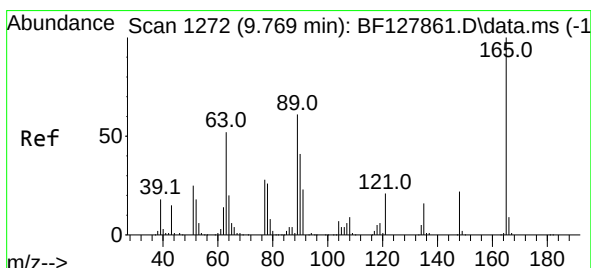
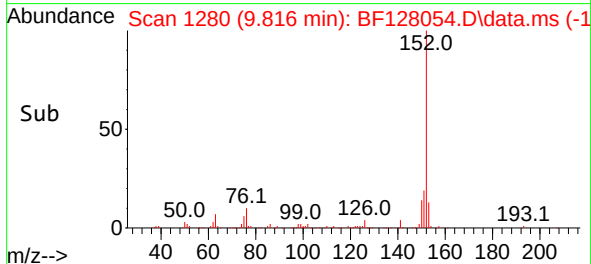
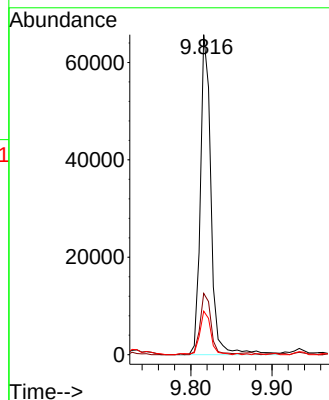
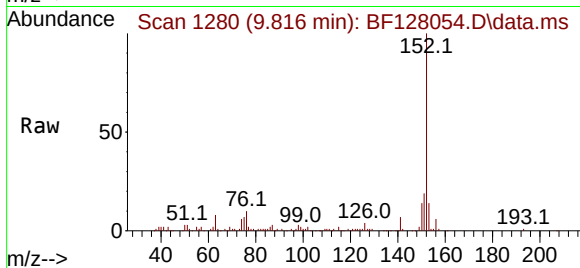
Tgt Ion:152 Resp: 59941

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

153 13.6 11.2 16.8



#51

2,6-Dinitrotoluene

Concen: 9.220 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.206 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

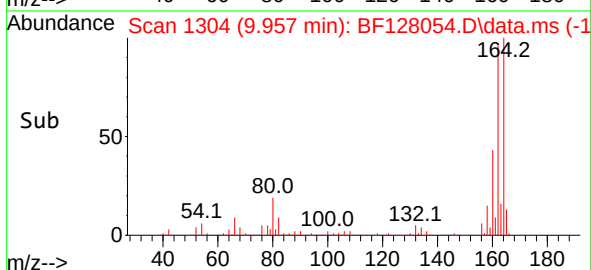
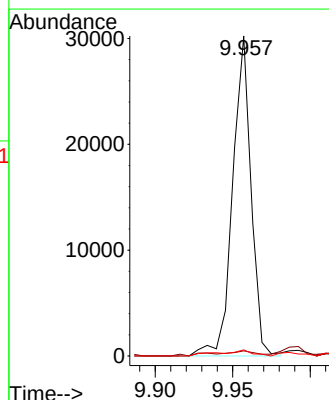
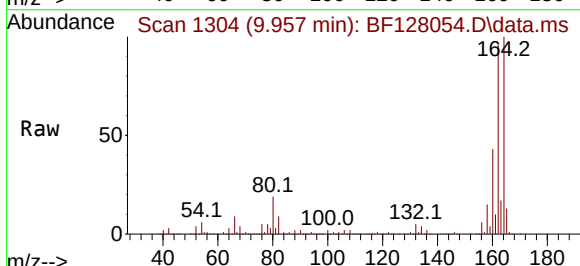
Tgt Ion:165 Resp: 24995

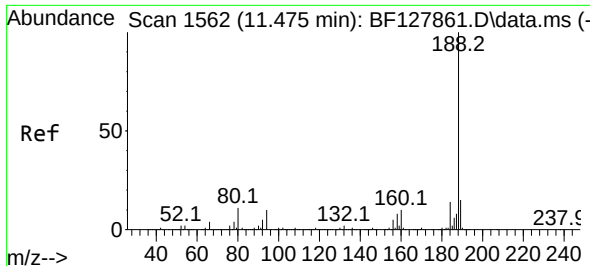
Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 1.9 49.0 73.4#

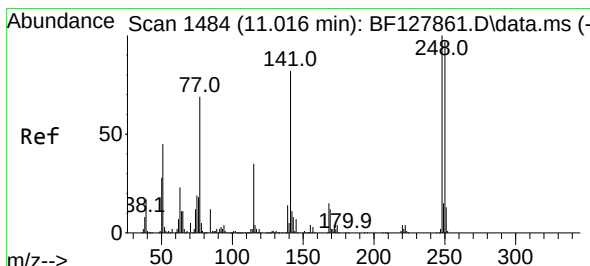
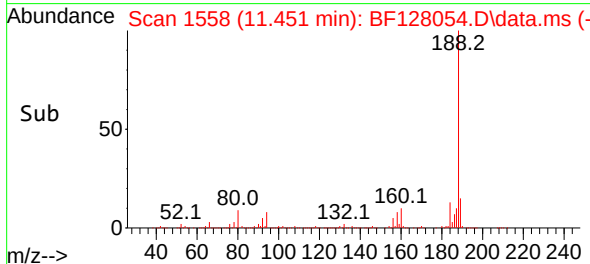
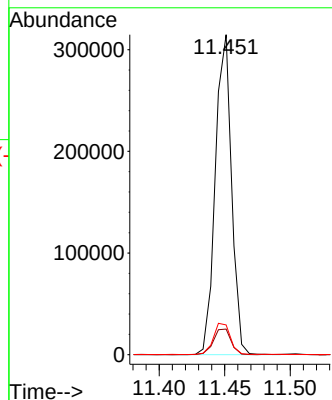
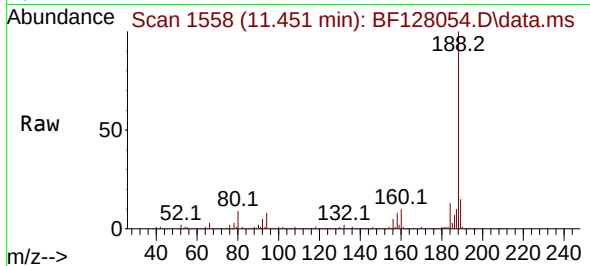




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

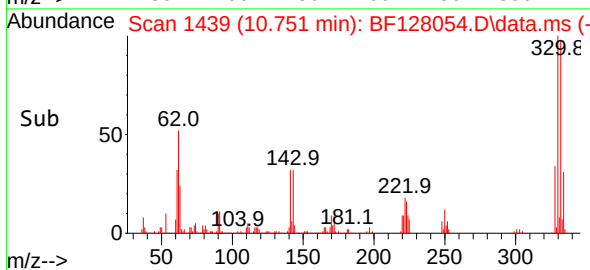
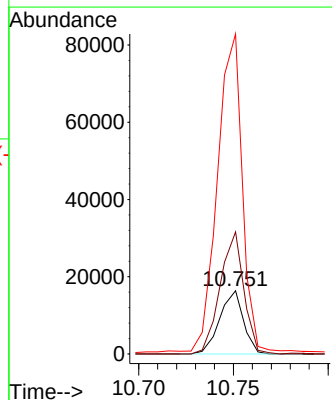
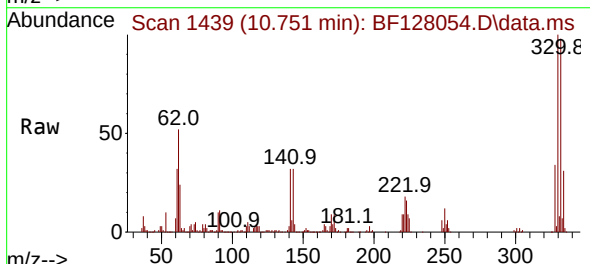
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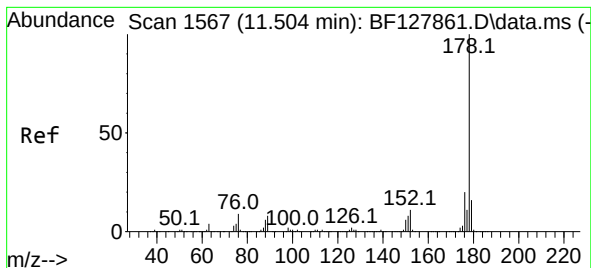
Tgt Ion:188 Resp: 270464
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.758 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:248 Resp: 14267
Ion Ratio Lower Upper
248 100
250 192.9 77.7 116.5#
141 505.9 65.6 98.4#





#71

Phenanthrene

Concen: 23.207 ng

RT: 11.475 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

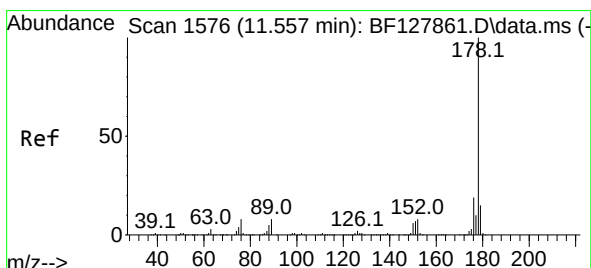
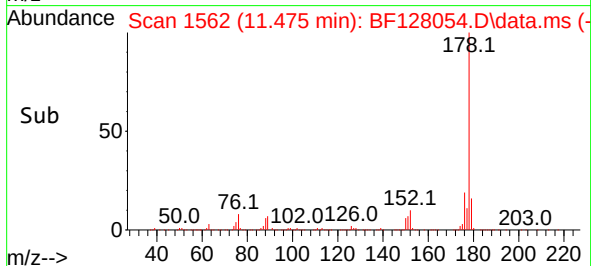
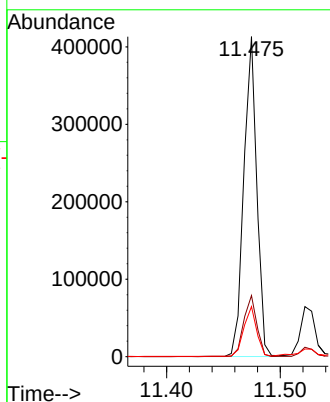
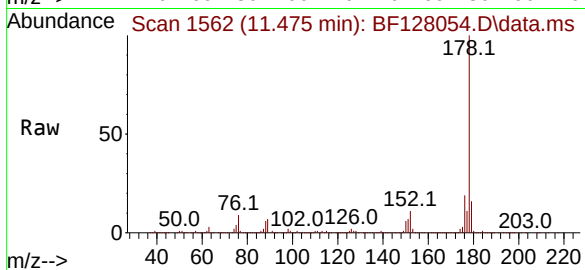
Tgt Ion:178 Resp: 328551

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 15.6 12.6 19.0



#72

Anthracene

Concen: 3.961 ng

RT: 11.522 min Scan# 1570

Delta R.T. -0.012 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

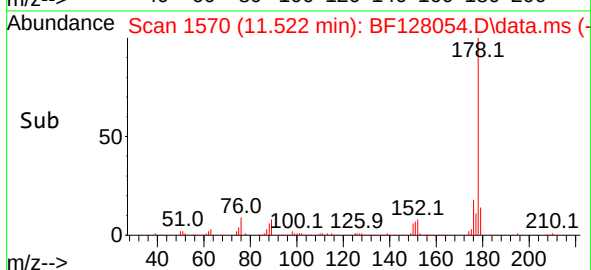
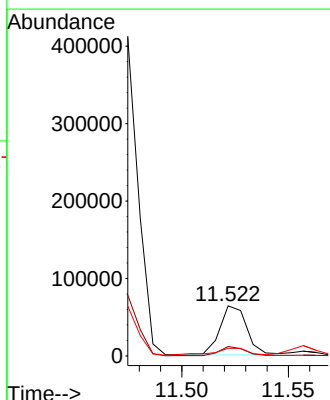
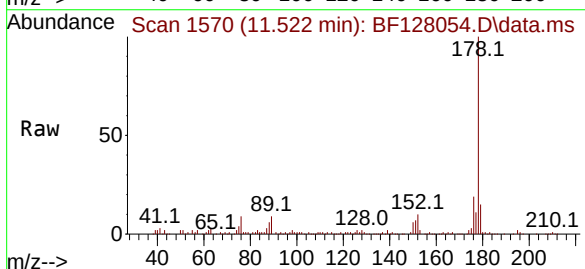
Tgt Ion:178 Resp: 55865

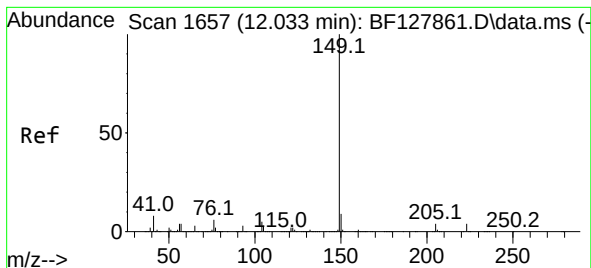
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.4 12.4 18.6





#74

Di-n-butylphthalate

Concen: 2.225 ng

RT: 12.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

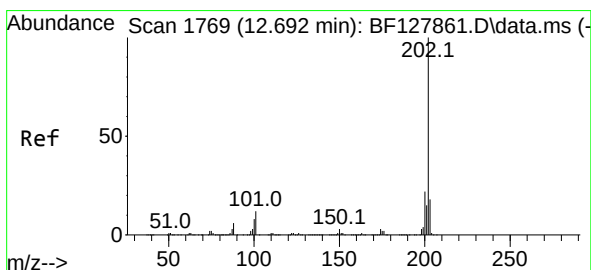
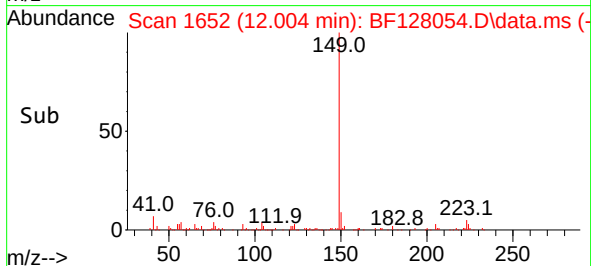
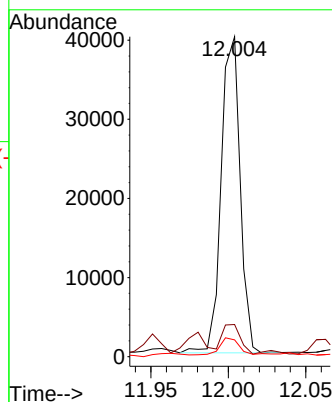
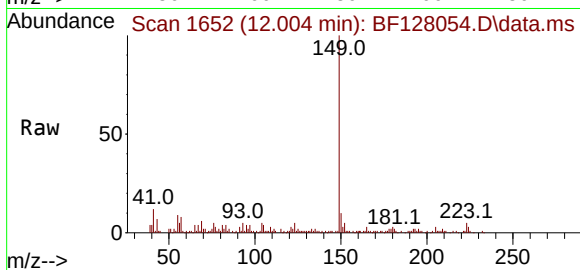
Tgt Ion:149 Resp: 34000

Ion Ratio Lower Upper

149 100

150 10.0 7.5 11.3

104 5.3 4.3 6.5



#75

Fluoranthene

Concen: 40.636 ng

RT: 12.669 min Scan# 1765

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

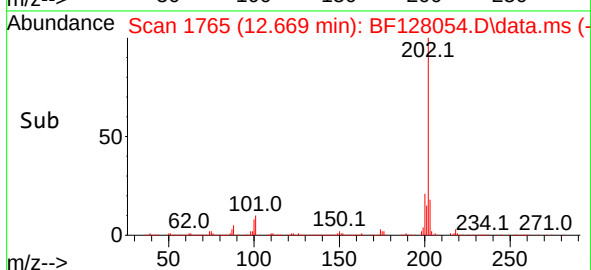
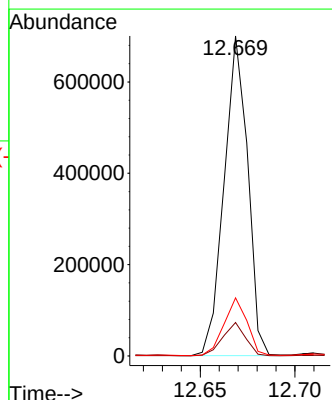
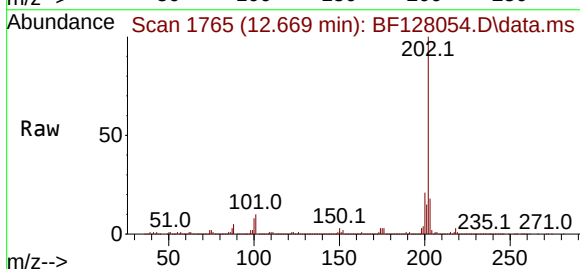
Tgt Ion:202 Resp: 605485

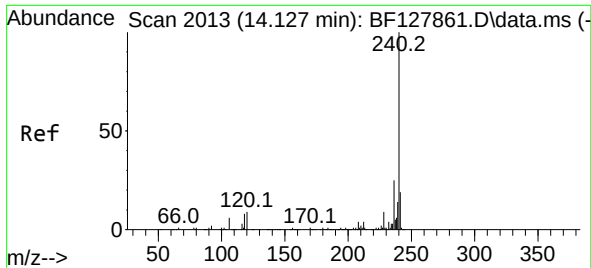
Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.6

203 18.2 0.0 38.1

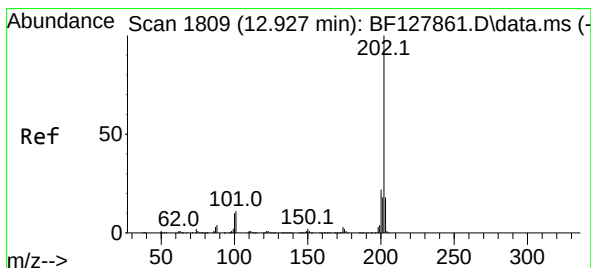
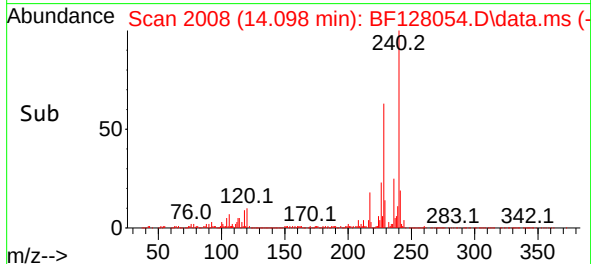
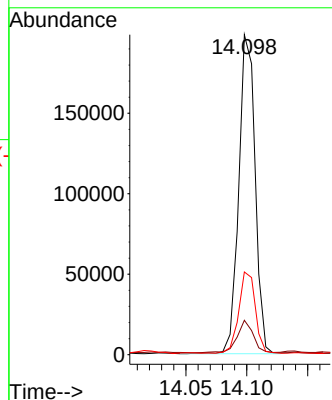
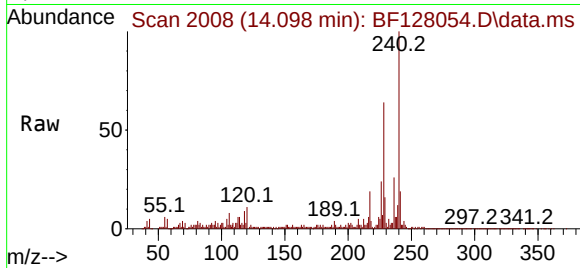




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

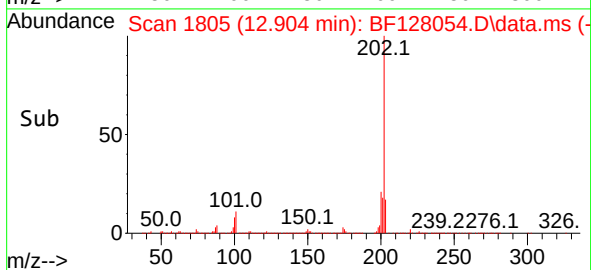
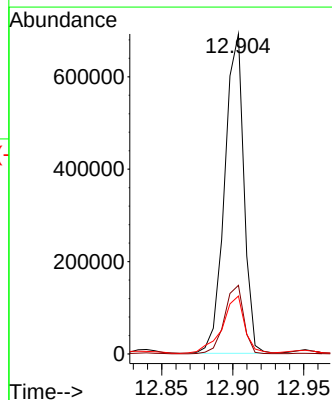
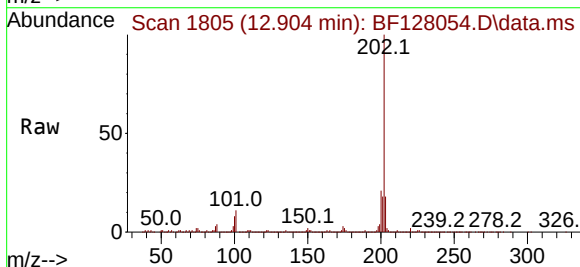
Instrument :
BNA_F
ClientSampleId :
ETGI-349

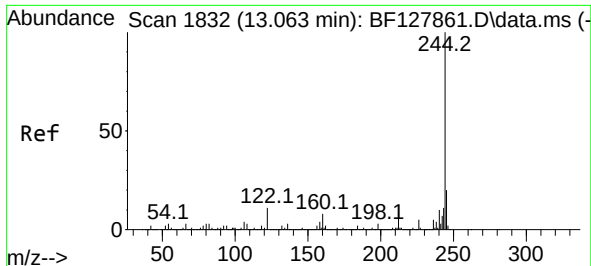
Tgt Ion:240 Resp: 185015
Ion Ratio Lower Upper
240 100
120 10.8 7.0 10.6#
236 25.9 20.3 30.5



#78
Pyrene
Concen: 43.502 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF128054.D
Acq: 03 May 2022 19:12

Tgt Ion:202 Resp: 649715
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.1 14.0 21.0

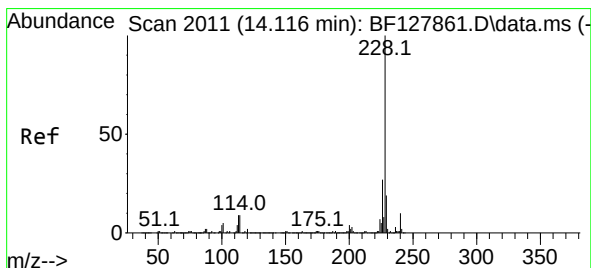
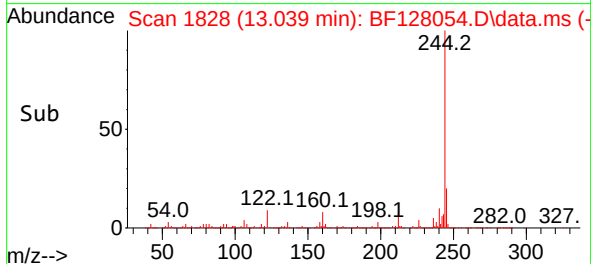
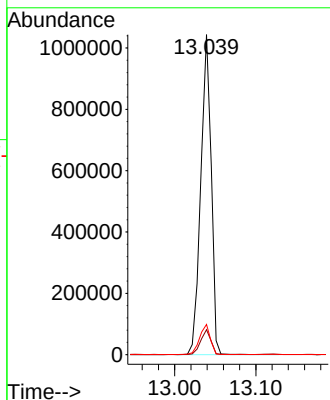
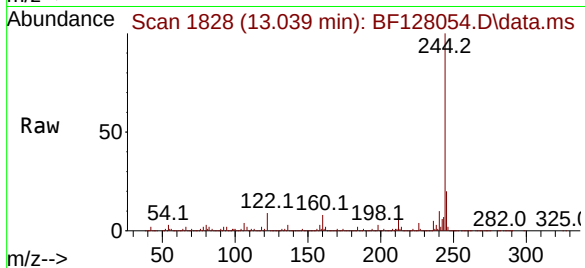




#79
 Terphenyl-d14
 Concen: 91.863 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128054.D
 Acq: 03 May 2022 19:12

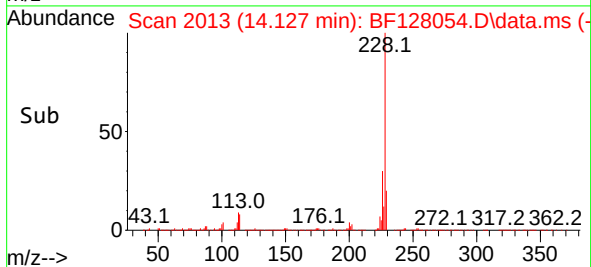
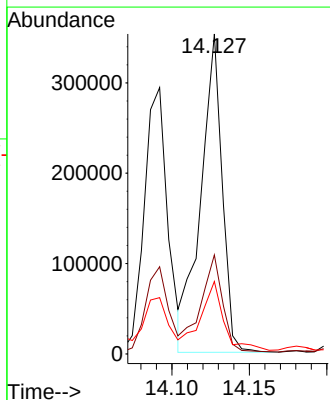
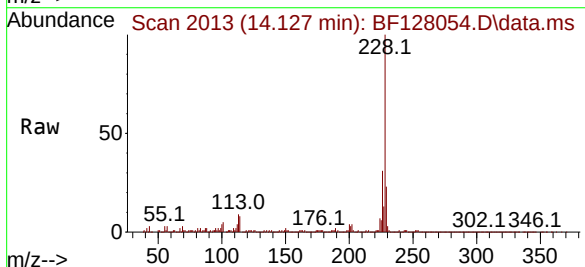
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-349

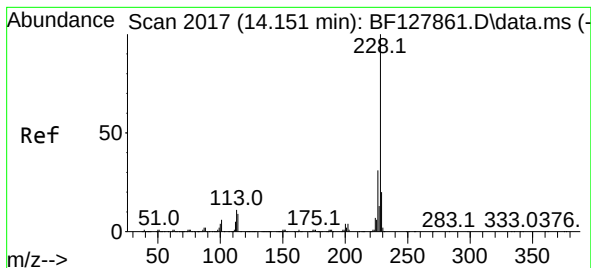
Tgt Ion:244 Resp: 929474
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.5 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 27.499 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. 0.035 min
 Lab File: BF128054.D
 Acq: 03 May 2022 19:12

Tgt Ion:228 Resp: 339106
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.7 32.5
 229 22.7 15.4 23.2





#83

Chrysene

Concen: 28.793 ng

RT: 14.127 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

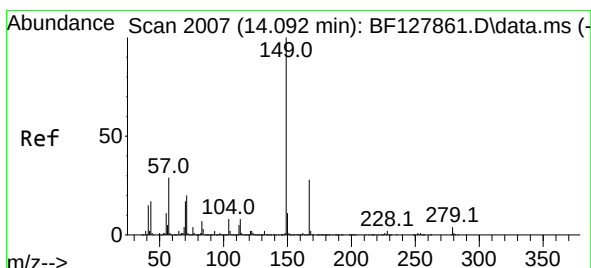
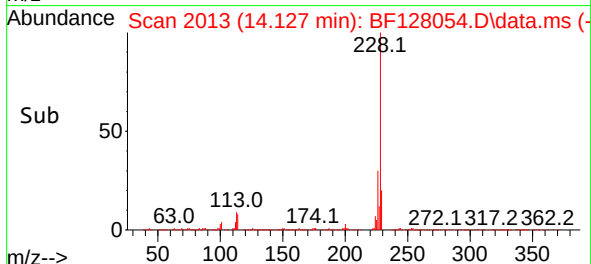
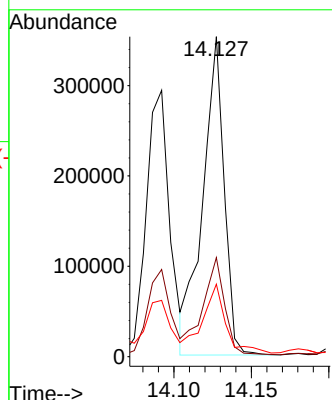
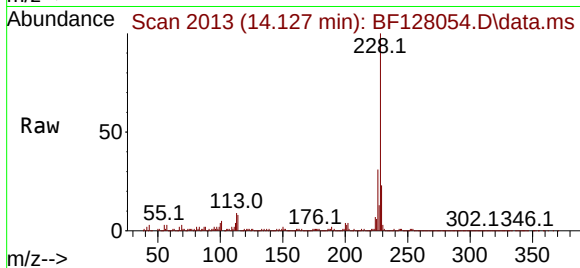
Tgt Ion:228 Resp: 339106

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 22.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.351 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

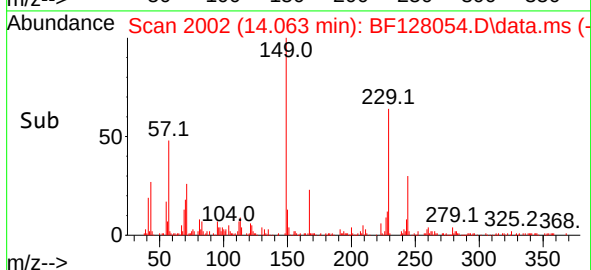
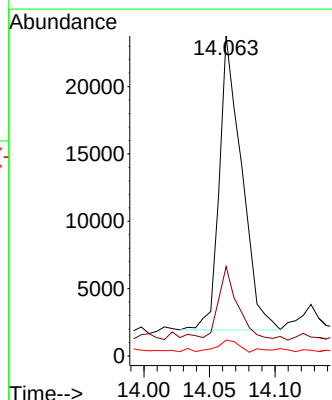
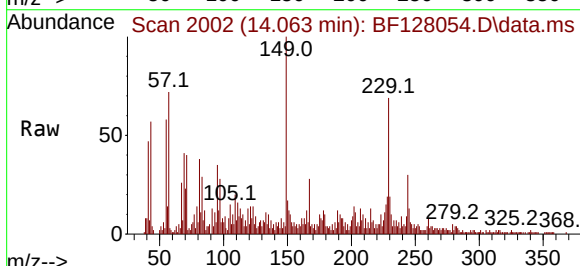
Tgt Ion:149 Resp: 26013

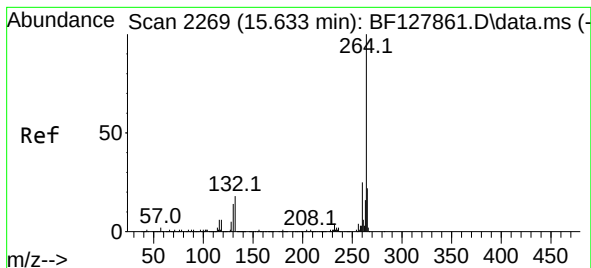
Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

279 5.0 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

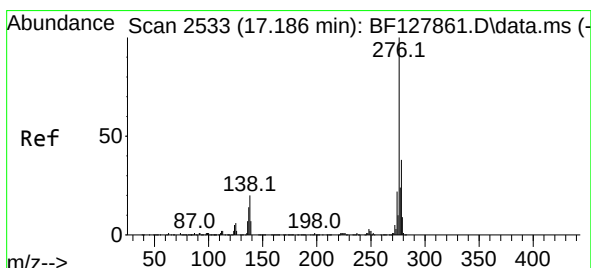
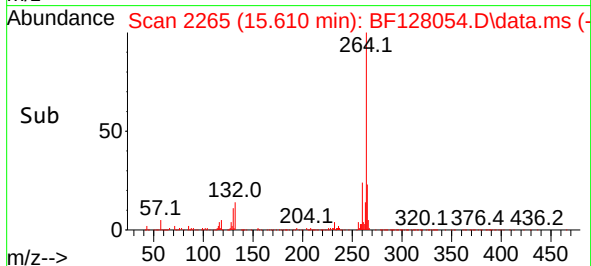
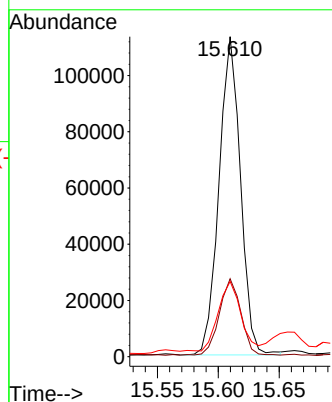
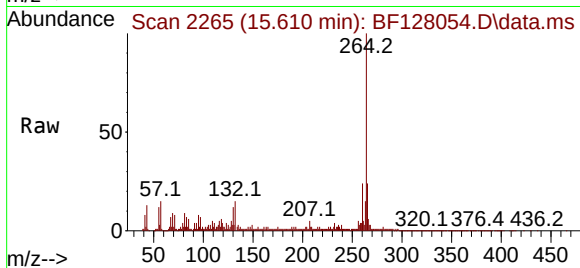
Tgt Ion:264 Resp: 139005

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 23.5 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.589 ng

RT: 16.980 min Scan# 2498

Delta R.T. -0.182 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

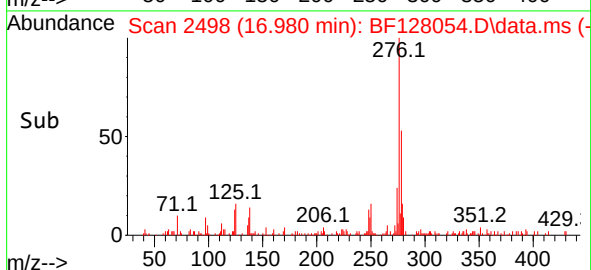
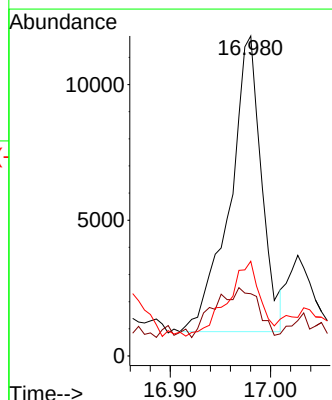
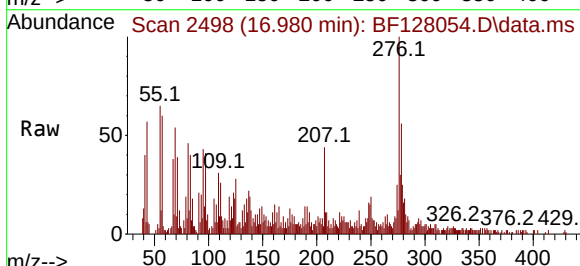
Tgt Ion:276 Resp: 24022

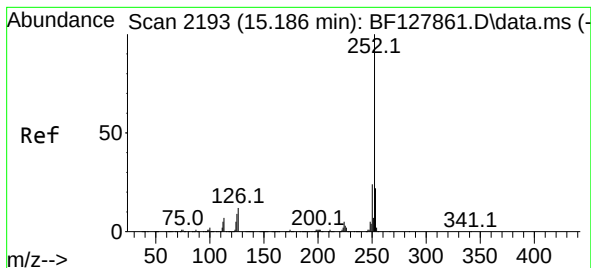
Ion Ratio Lower Upper

276 100

138 23.3 19.0 28.4

277 25.7 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 46.059 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

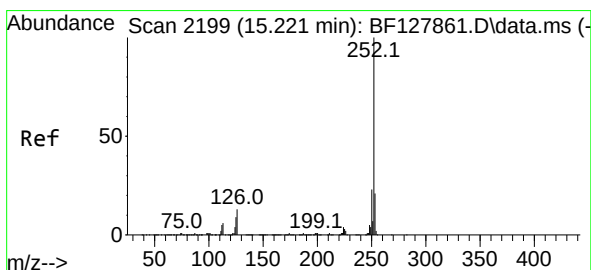
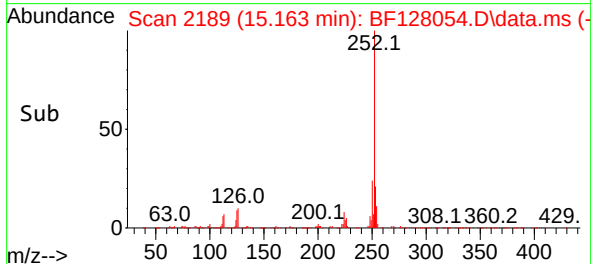
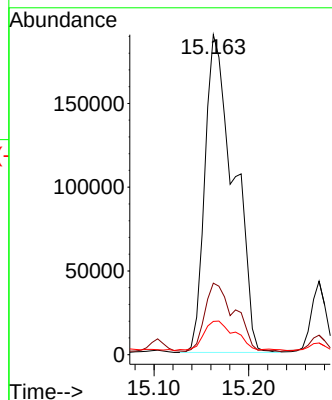
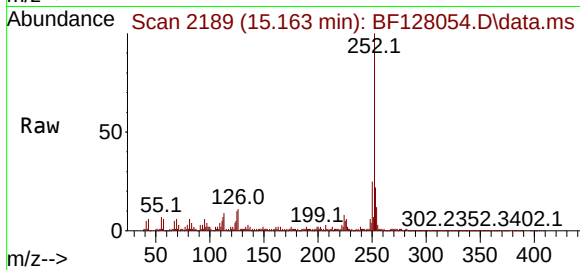
Tgt Ion:252 Resp: 402132

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.4 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 45.717 ng

RT: 15.163 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

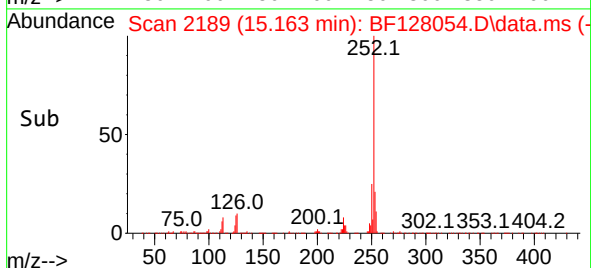
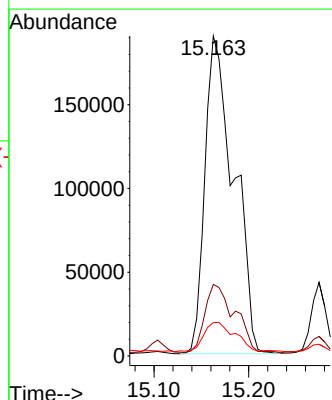
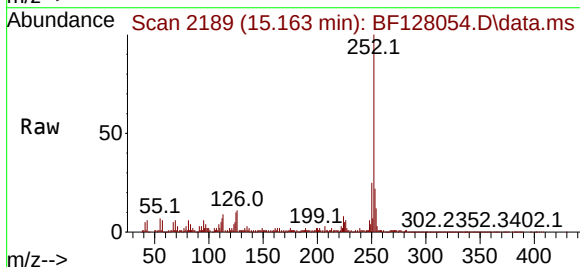
Tgt Ion:252 Resp: 402132

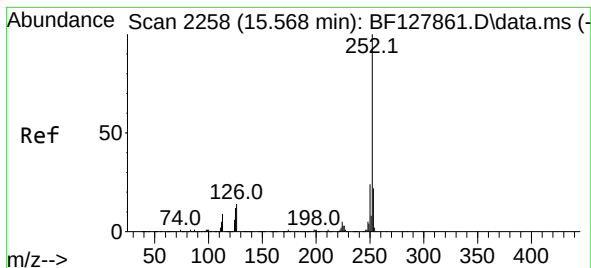
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 10.4 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 29.002 ng

RT: 15.545 min Scan# 210031

Delta R.T. -0.006 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349

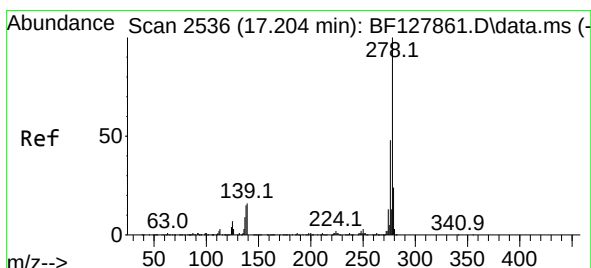
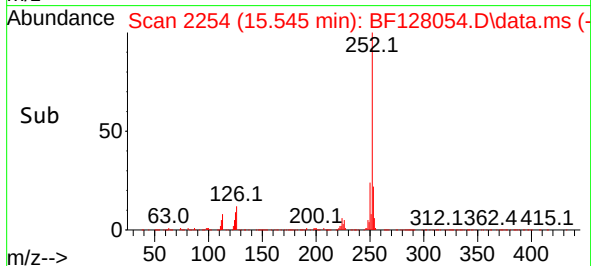
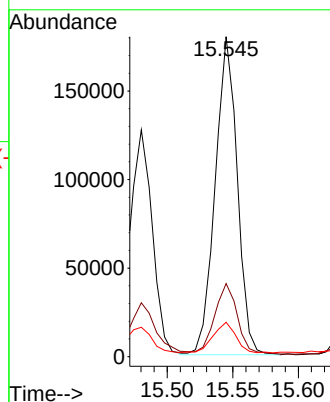
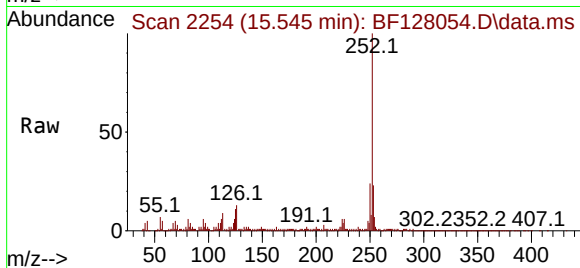
Tgt Ion:252 Resp: 210031

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 10.8 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 4.565 ng

RT: 17.151 min Scan# 2527

Delta R.T. -0.023 min

Lab File: BF128054.D

Acq: 03 May 2022 19:12

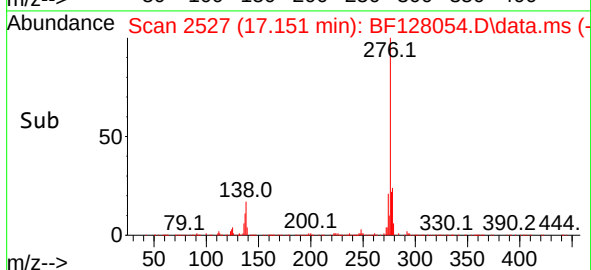
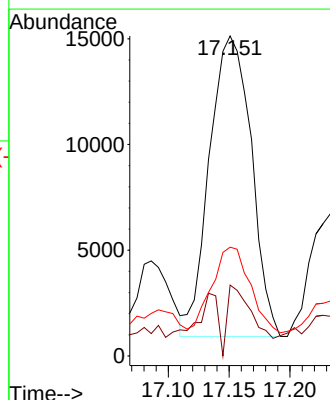
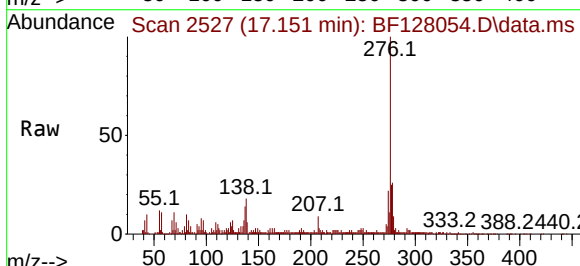
Tgt Ion:278 Resp: 33969

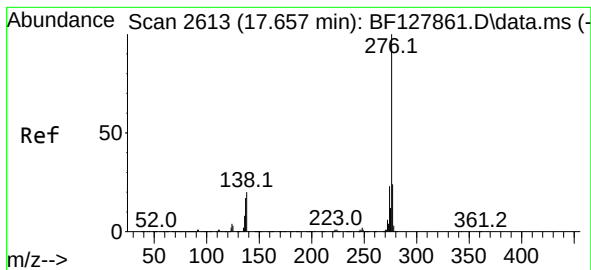
Ion Ratio Lower Upper

278 100

139 22.2 12.6 19.0#

279 34.0 18.9 28.3#





#92

Benzo(g,h,i)perylene

Concen: 15.291 ng

RT: 17.615 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF128054.D

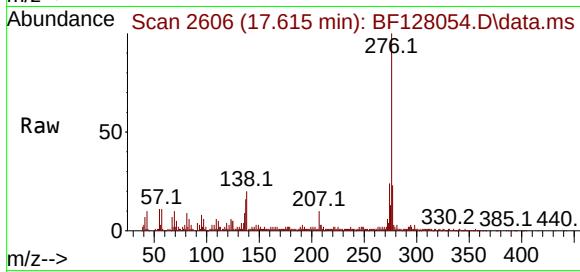
Acq: 03 May 2022 19:12

Instrument :

BNA_F

ClientSampleId :

ETGI-349



Tgt Ion:276 Resp: 119910

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 19.8 16.2 24.2

