

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129259.D
 Acq On : 16 Jul 2022 02:17
 Operator : CG\JU
 Sample : N3716-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-290

Quant Time: Jul 16 02:43:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

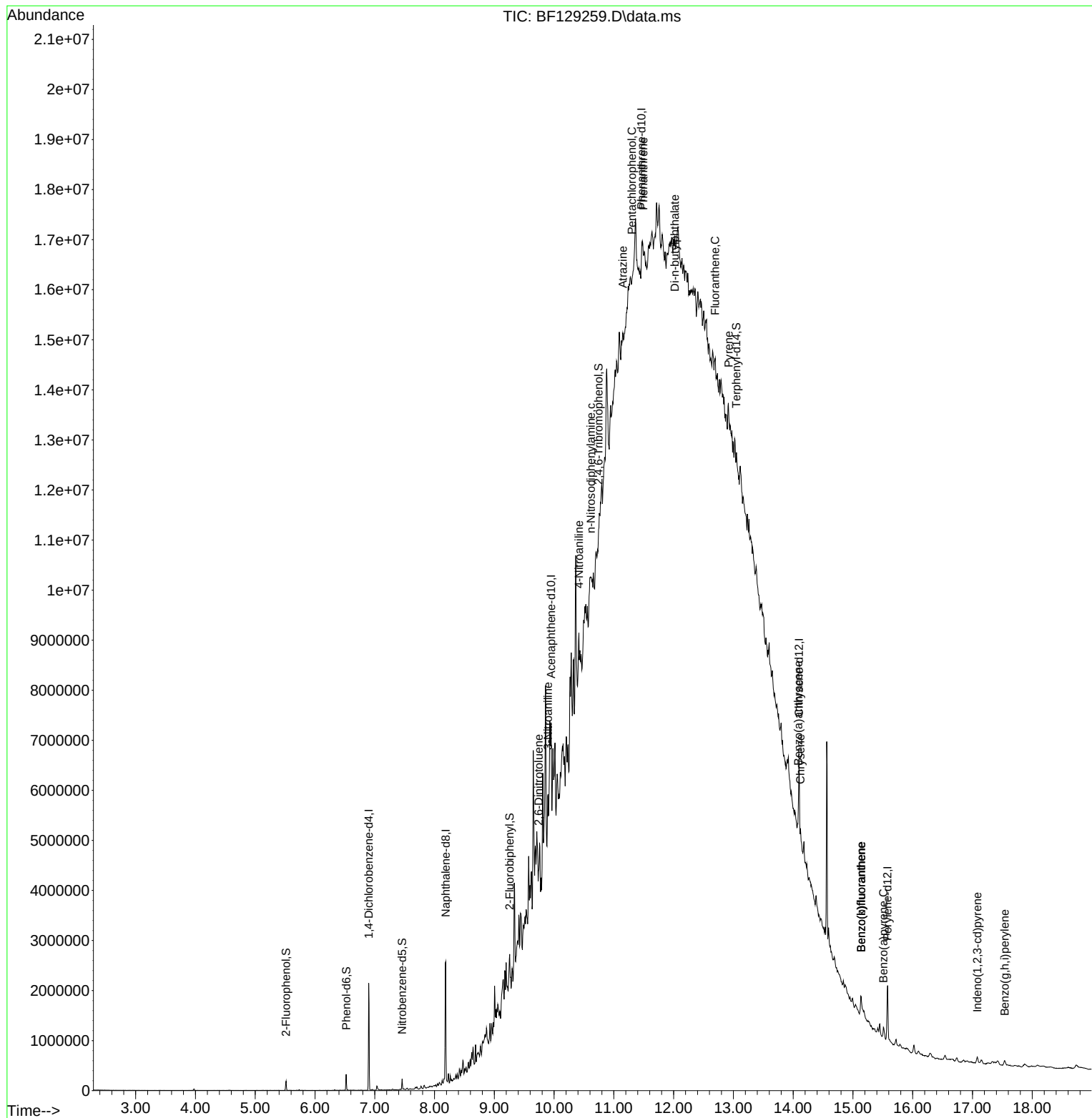
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	293479	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1045151	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	397510	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	447445	20.000	ng	# 0.04
76) Chrysene-d12	14.098	240	523600	20.000	ng	# 0.02
86) Perylene-d12	15.580	264	457939	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	48099	2.617	ng	0.00
7) Phenol-d6	6.522	99	92668	3.899	ng	0.00
23) Nitrobenzene-d5	7.457	82	54354	2.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	18764	5.086	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	123777	5.275	ng	0.00
79) Terphenyl-d14	13.051	244	98720	3.527	ng	0.04
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	9.745	165	18487	3.312	ng	# 36
53) 3-Nitroaniline	9.898	138	27020	4.054	ng	# 27
62) 4-Nitroaniline	10.416	138	60209	9.124	ng	99
66) n-Nitrosodiphenylamine	10.616	169	38399	2.690	ng	# 64
69) Atrazine	11.151	200	8560	2.163	ng	# 1
70) Pentachlorophenol	11.304	266	8882	3.021	ng	# 6
71) Phenanthrene	11.492	178	96258	4.237	ng	# 1
74) Di-n-butylphthalate	12.022	149	92061	3.559	ng	# 28
75) Fluoranthene	12.692	202	219006	9.680	ng	80
78) Pyrene	12.921	202	218351	5.149	ng	# 86
81) Benzo(a)anthracene	14.086	228	124014	3.755	ng	# 91
83) Chrysene	14.121	228	146396	4.644	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.080	276	74167	2.597	ng	100
88) Benzo(b)fluoranthene	15.139	252	255976	9.099	ng	# 87
89) Benzo(k)fluoranthene	15.139	252	255976	9.313	ng	# 87
90) Benzo(a)pyrene	15.510	252	83247	3.635	ng	# 82
92) Benzo(g,h,i)perylene	17.539	276	72941	3.089	ng	95

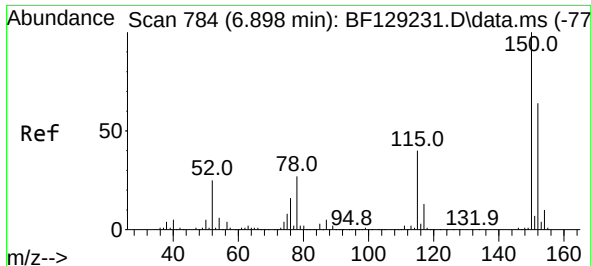
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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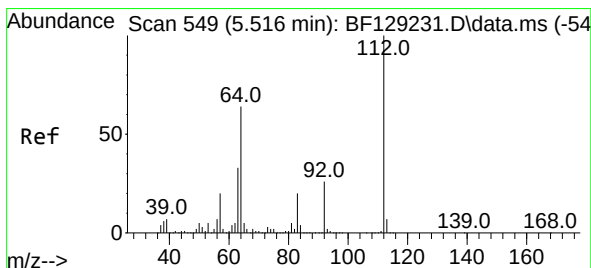
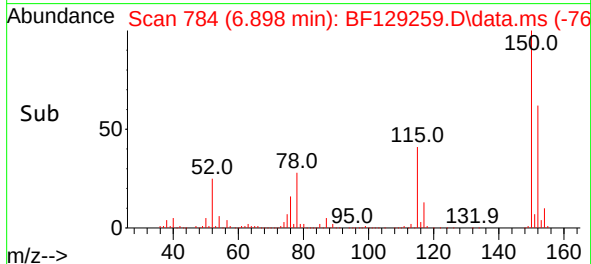
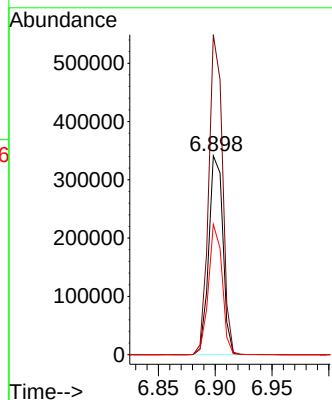
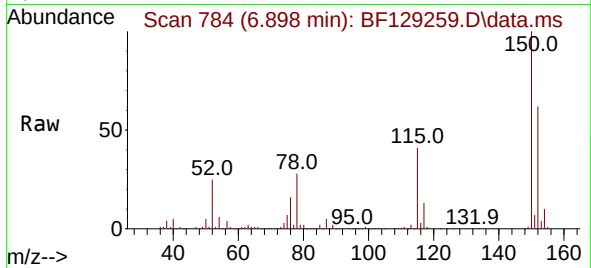




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: BF129259.D
 Acq: 16 Jul 2022 02:17

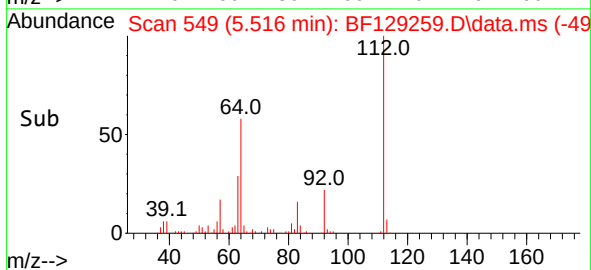
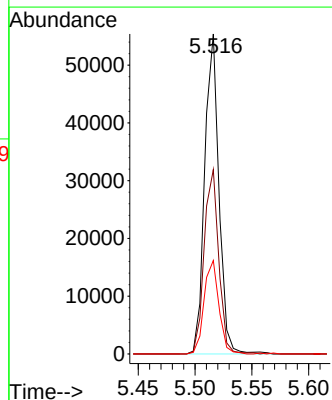
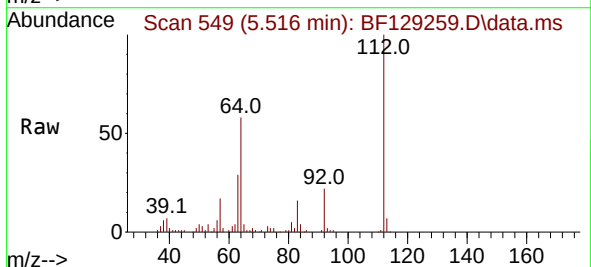
Instrument :
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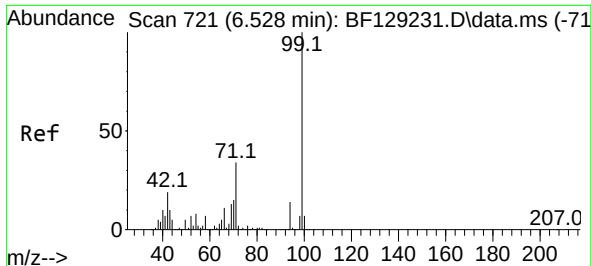
Tgt Ion:152 Resp: 293479
 Ion Ratio Lower Upper
 152 100
 150 160.9 123.7 185.5
 115 65.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 2.617 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF129259.D
 Acq: 16 Jul 2022 02:17

Tgt Ion:112 Resp: 48099
 Ion Ratio Lower Upper
 112 100
 64 57.6 53.3 79.9
 63 29.2 28.0 42.0

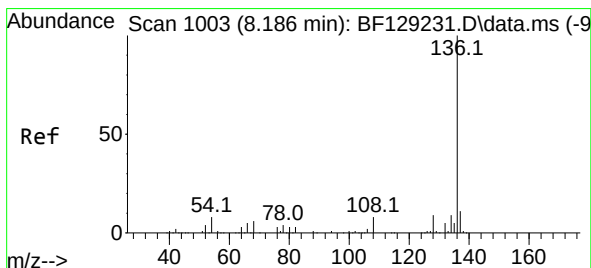
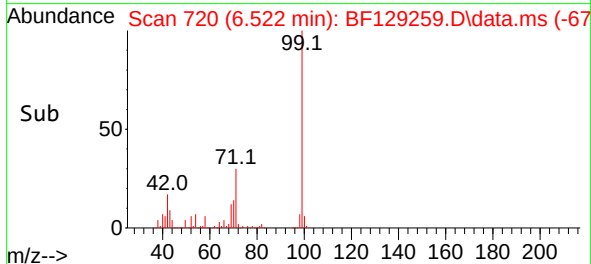
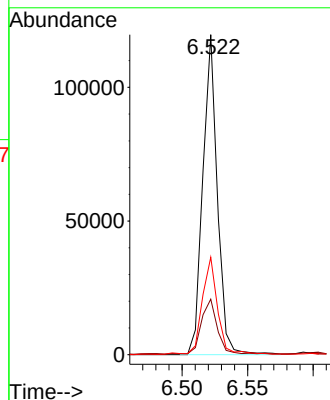
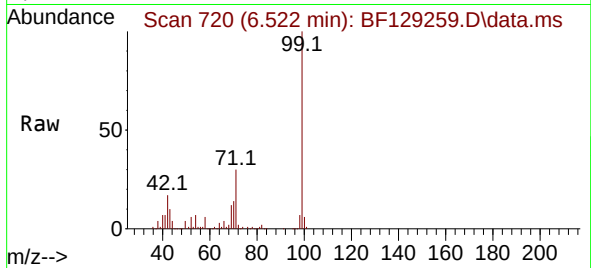




#7
Phenol-d6
Concen: 3.899 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

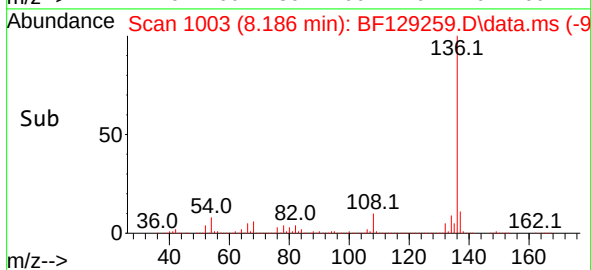
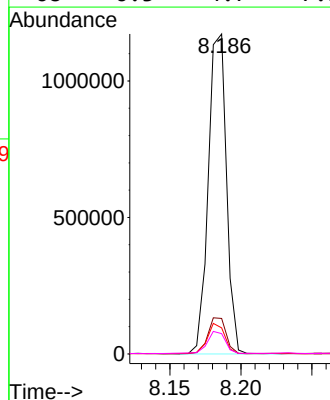
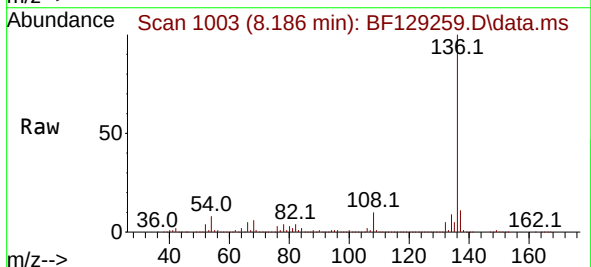
Instrument :
BNA_F
ClientSampleId :
ETGI-290

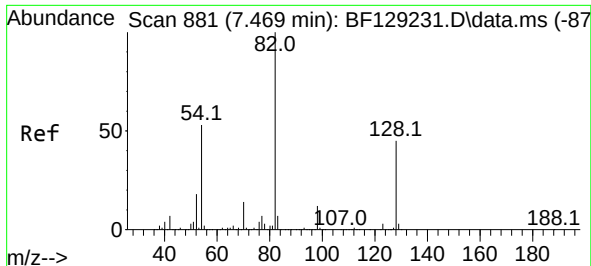
Tgt Ion:	99	Resp:	92668
Ion	Ratio	Lower	Upper
99	100		
42	17.3	17.3	25.9
71	30.4	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:	136	Resp:	1045151
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	7.5	11.3
68	6.3	4.7	7.1





#23

Nitrobenzene-d5

Concen: 2.780 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290

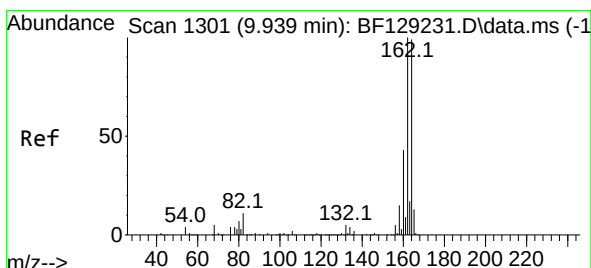
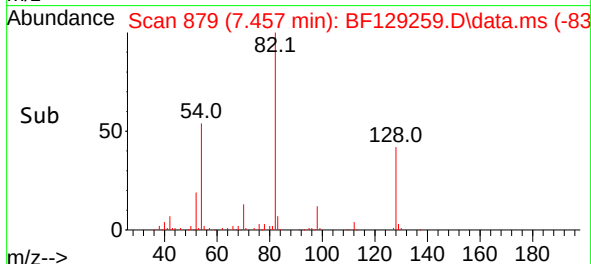
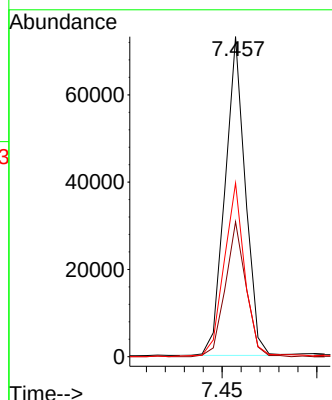
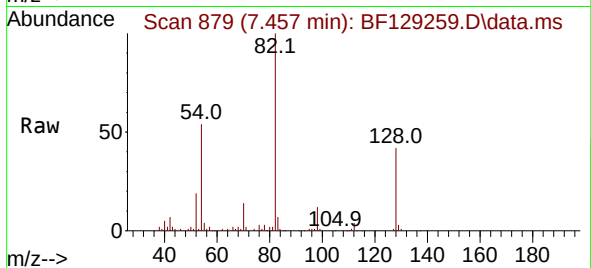
Tgt Ion: 82 Resp: 54354

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 54.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

Delta R.T. 0.012 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

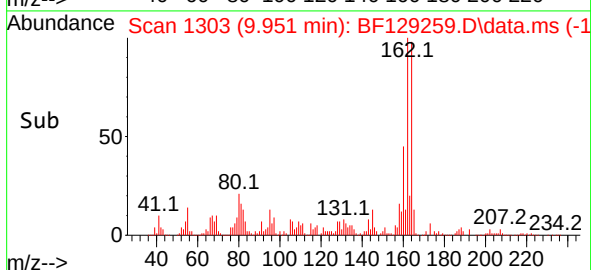
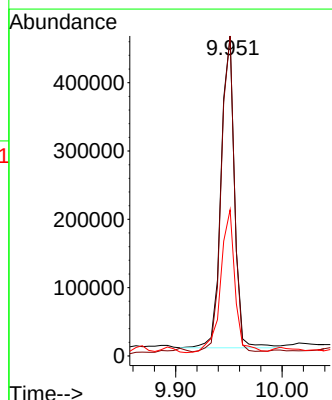
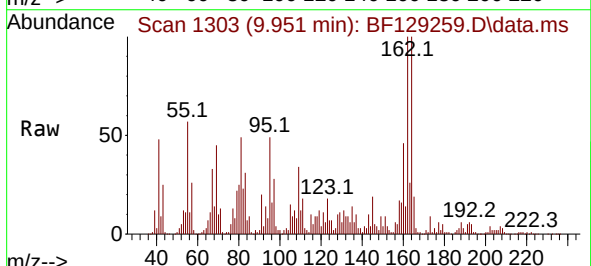
Tgt Ion:164 Resp: 397510

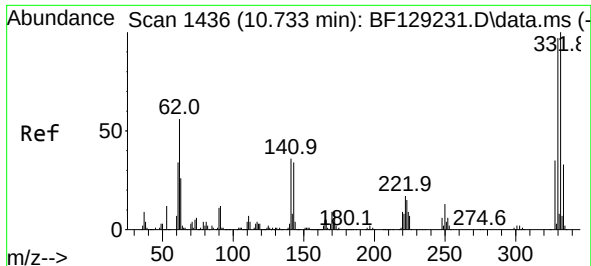
Ion Ratio Lower Upper

164 100

162 99.9 79.5 119.3

160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 5.086 ng

RT: 10.745 min Scan# 1438

Delta R.T. 0.012 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290

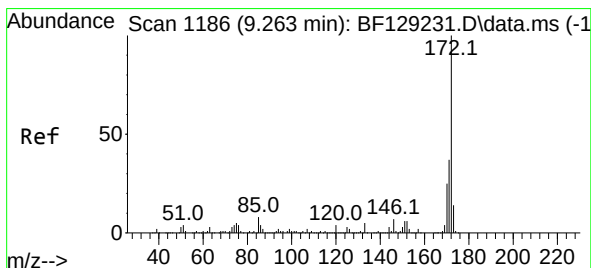
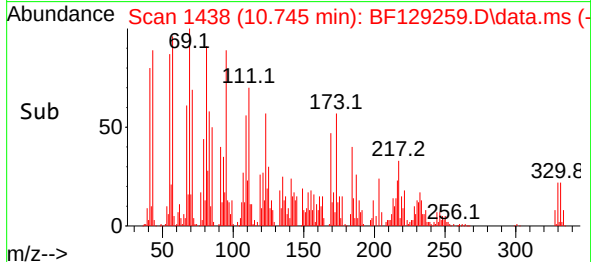
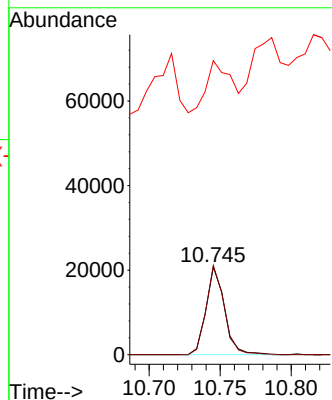
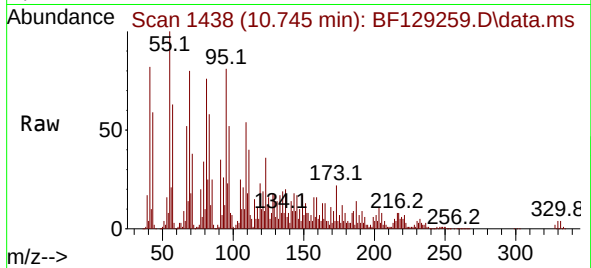
Tgt Ion:330 Resp: 18764

Ion Ratio Lower Upper

330 100

332 100.5 76.8 115.2

141 78.1 28.0 42.0#



#45

2-Fluorobiphenyl

Concen: 5.275 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

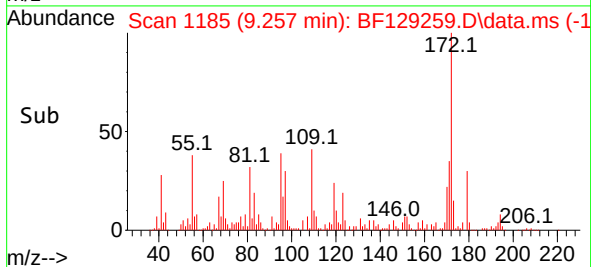
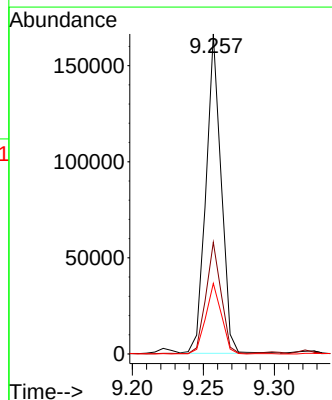
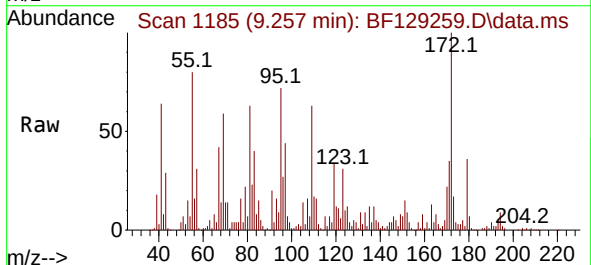
Tgt Ion:172 Resp: 123777

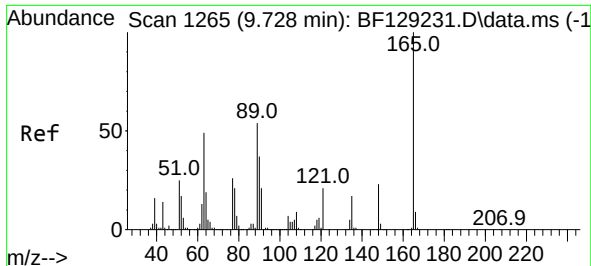
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 22.0 19.8 29.8

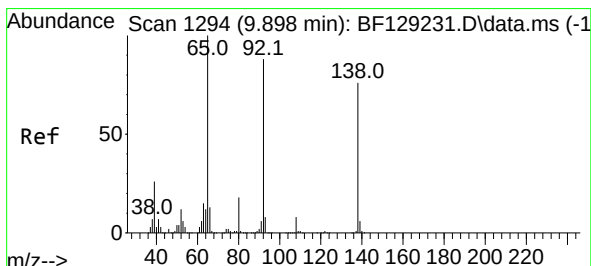
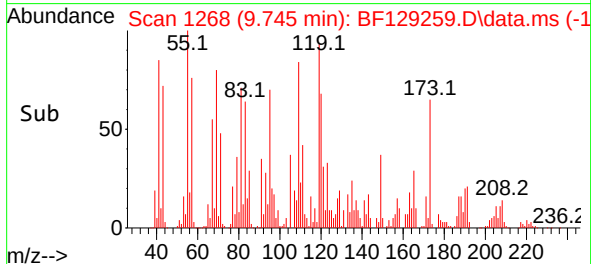
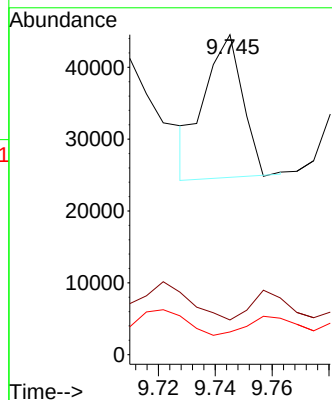
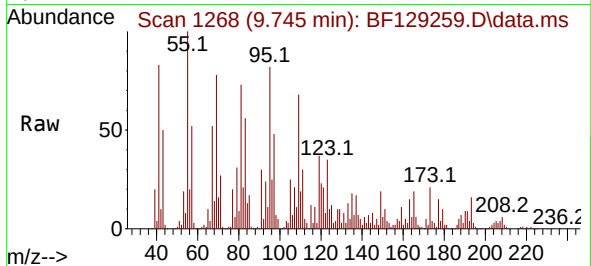




#51
2,6-Dinitrotoluene
Concen: 3.312 ng
RT: 9.745 min Scan# 1268
Delta R.T. 0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

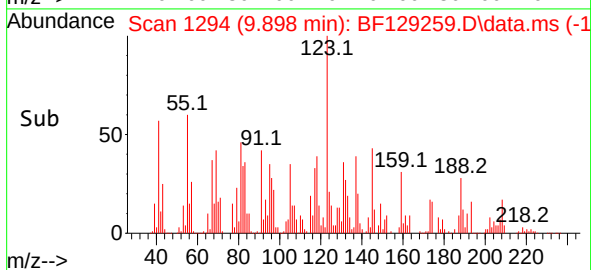
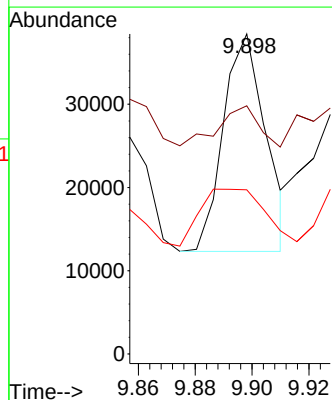
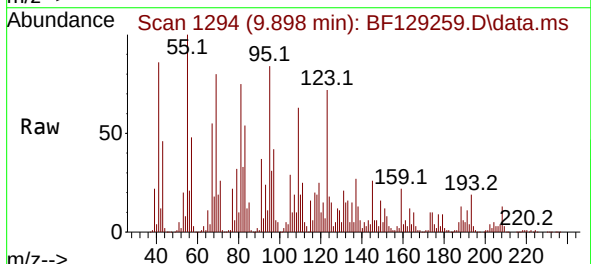
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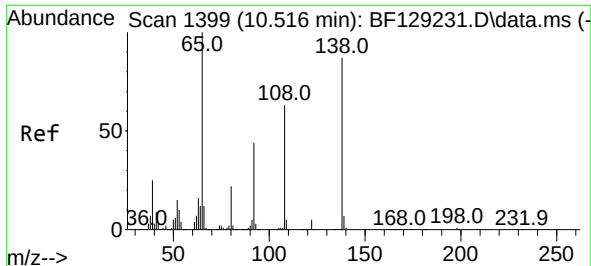
Tgt Ion:165 Resp: 18487
Ion Ratio Lower Upper
165 100
63 10.8 44.9 67.3#
89 7.1 43.6 65.4#



#53
3-Nitroaniline
Concen: 4.054 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:138 Resp: 27020
Ion Ratio Lower Upper
138 100
108 77.5 10.9 16.3#
92 51.3 98.2 147.2#

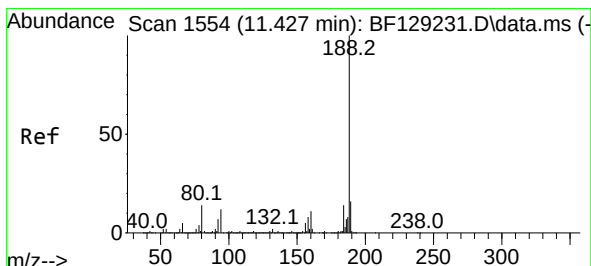
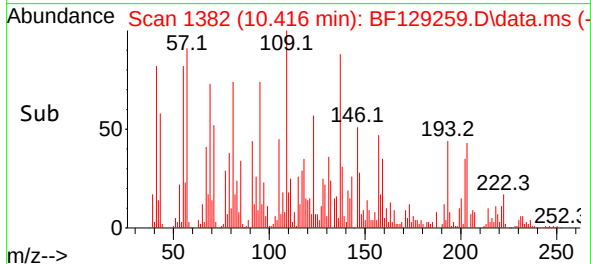
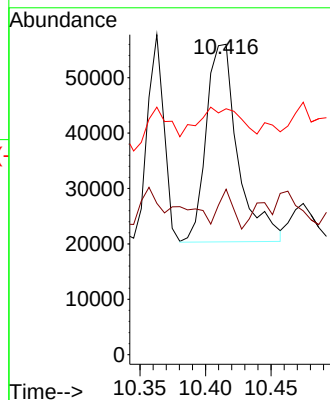
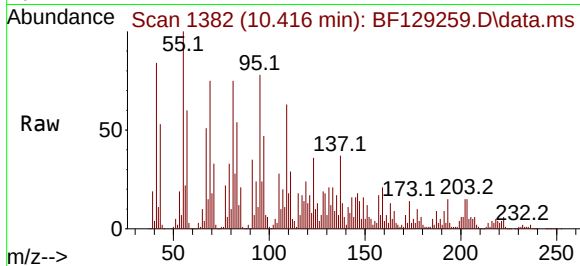




#62
4-Nitroaniline
Concen: 9.124 ng
RT: 10.416 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

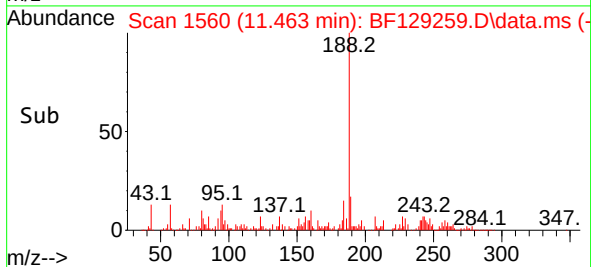
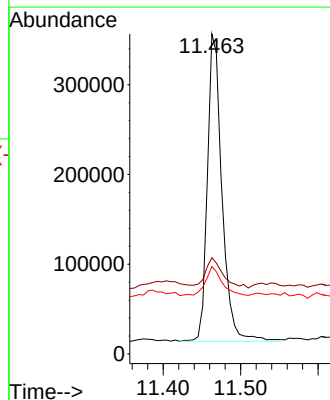
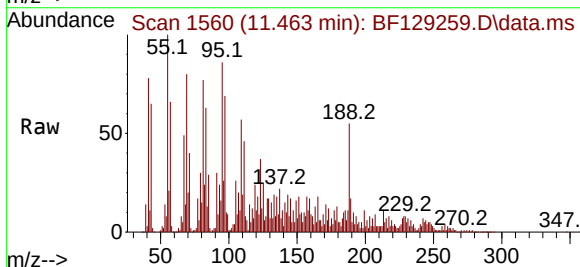
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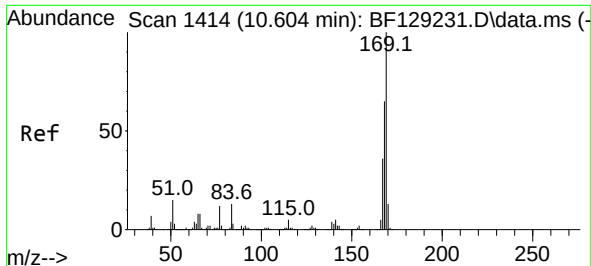
Tgt Ion:138 Resp: 60209
Ion Ratio Lower Upper
138 100
92 53.3 33.5 73.5
108 79.2 61.0 101.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.035 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:188 Resp: 447445
Ion Ratio Lower Upper
188 100
94 30.1 7.0 10.6#
80 27.3 7.6 11.4#

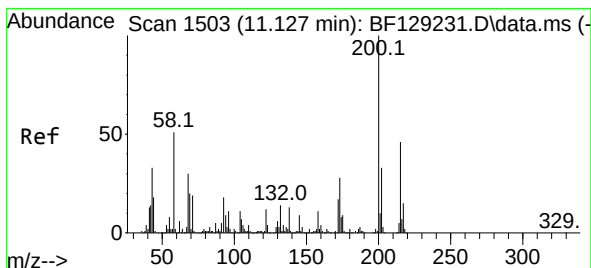
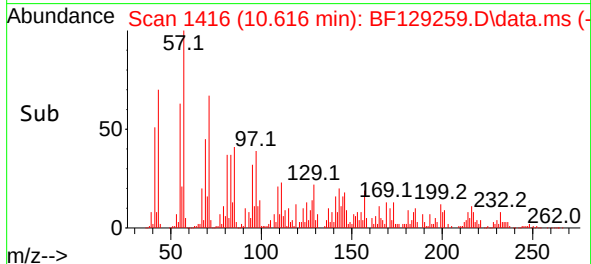
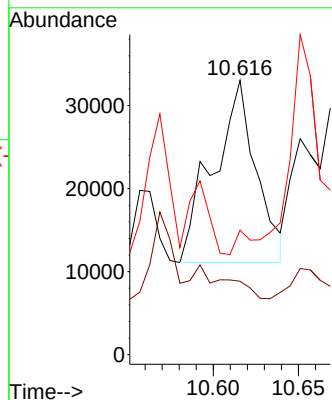
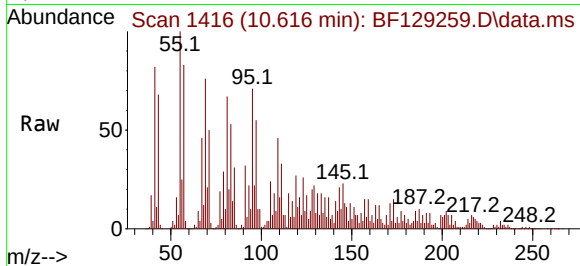




#66
n-Nitrosodiphenylamine
Concen: 2.690 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

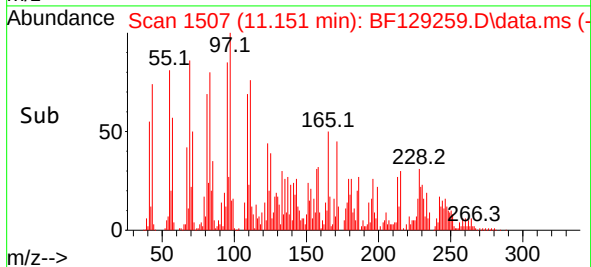
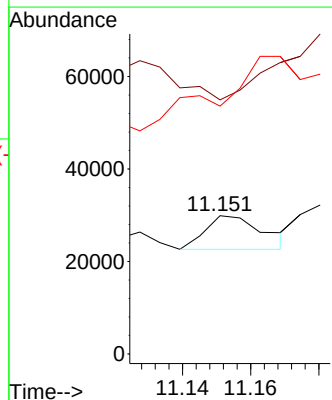
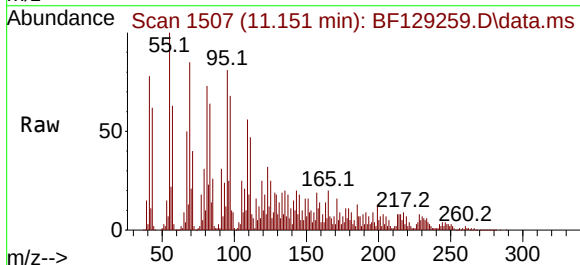
Instrument :
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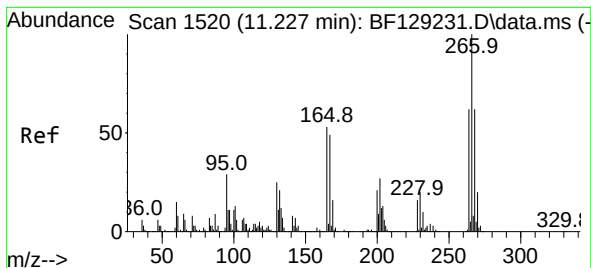
Tgt Ion:169 Resp: 38399
Ion Ratio Lower Upper
169 100
168 26.8 50.1 75.1#
167 45.4 27.9 41.9#



#69
Atrazine
Concen: 2.163 ng
RT: 11.151 min Scan# 1507
Delta R.T. 0.023 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:200 Resp: 8560
Ion Ratio Lower Upper
200 100
173 183.9 6.3 46.3#
215 179.4 28.3 68.3#





#70

Pentachlorophenol

Concen: 3.021 ng

RT: 11.304 min Scan# 1533

Delta R.T. 0.076 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290

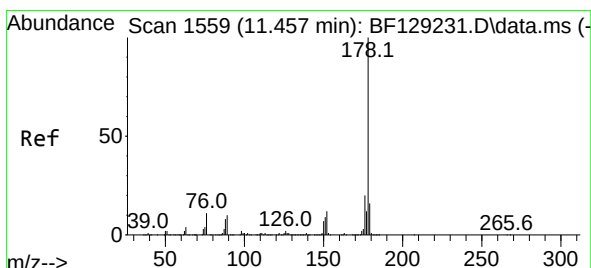
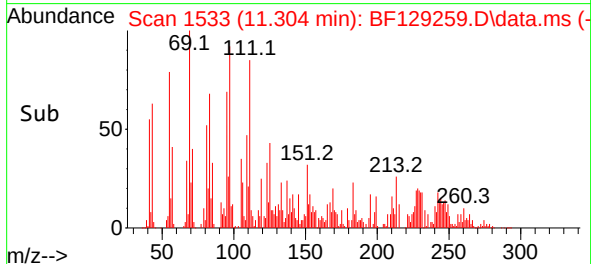
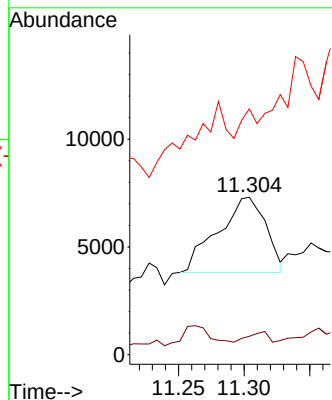
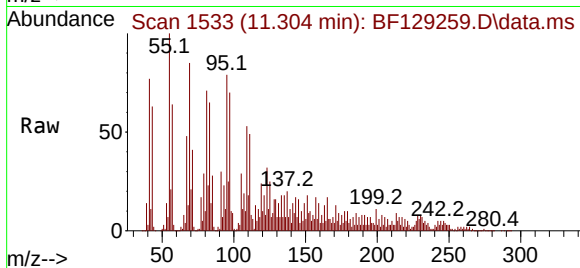
Tgt Ion:266 Resp: 8882

Ion Ratio Lower Upper

266 100

268 11.7 51.0 76.4#

264 156.0 49.4 74.2#



#71

Phenanthrene

Concen: 4.237 ng

RT: 11.492 min Scan# 1565

Delta R.T. 0.035 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

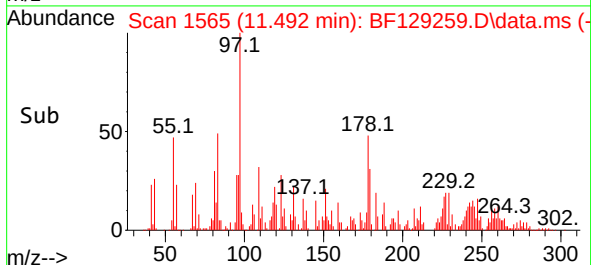
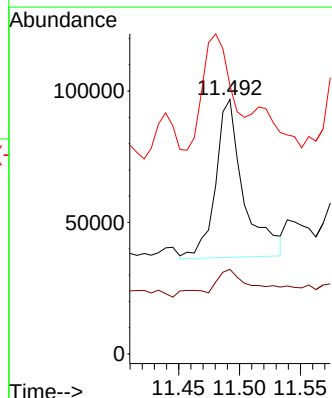
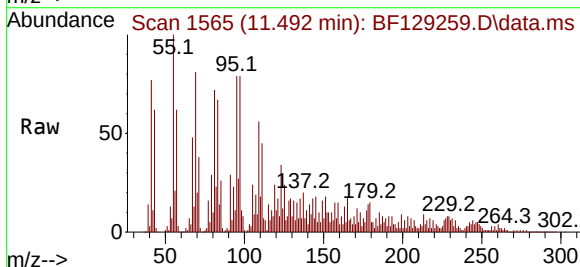
Tgt Ion:178 Resp: 96258

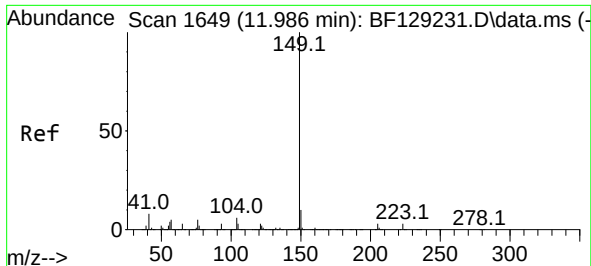
Ion Ratio Lower Upper

178 100

176 33.3 16.0 24.0#

179 105.5 12.6 19.0#

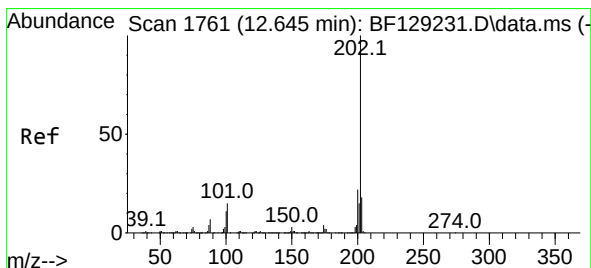
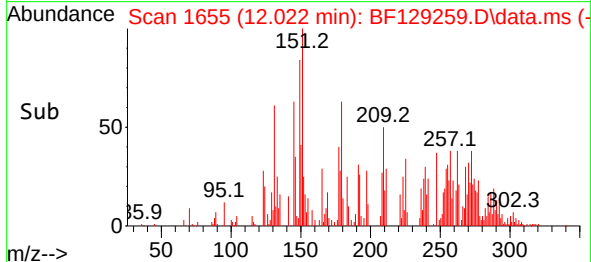
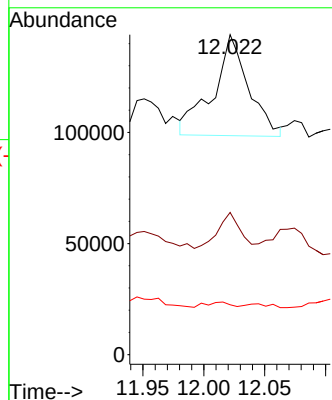
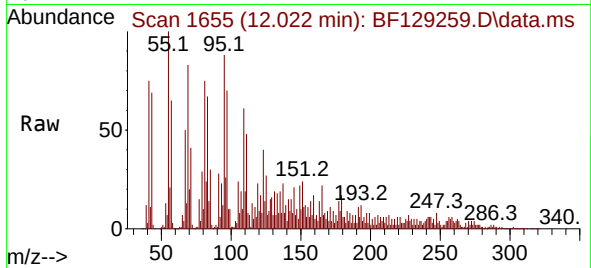




#74
Di-n-butylphthalate
Concen: 3.559 ng
RT: 12.022 min Scan# 1655
Delta R.T. 0.035 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

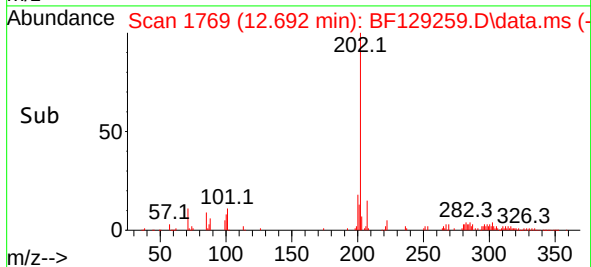
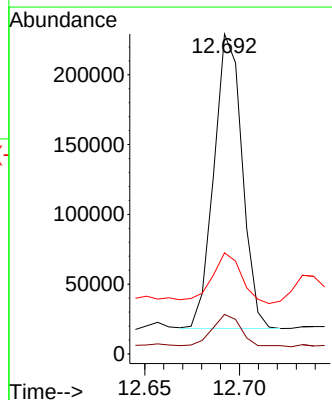
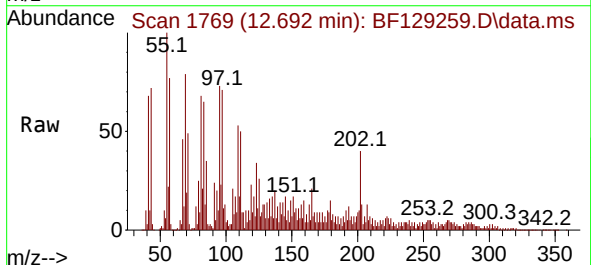
Instrument :
BNA_F
ClientSampleId :
ETGI-290

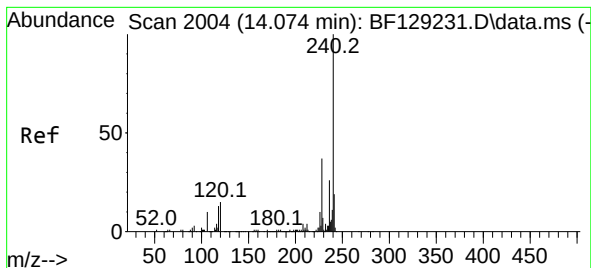
Tgt Ion:149 Resp: 92061
Ion Ratio Lower Upper
149 100
150 44.4 7.5 11.3#
104 15.6 4.4 6.6#



#75
Fluoranthene
Concen: 9.680 ng
RT: 12.692 min Scan# 1769
Delta R.T. 0.047 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:202 Resp: 219006
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 31.6 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. 0.023 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290

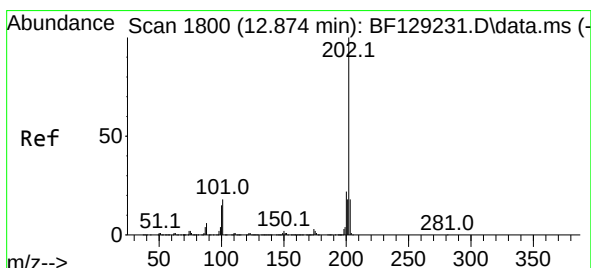
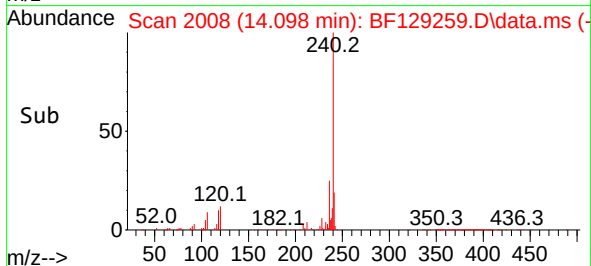
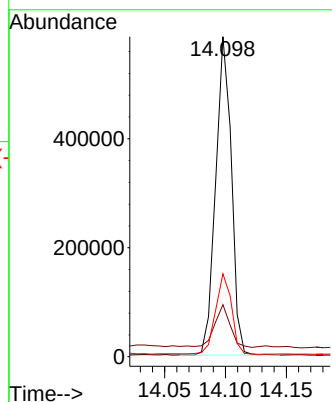
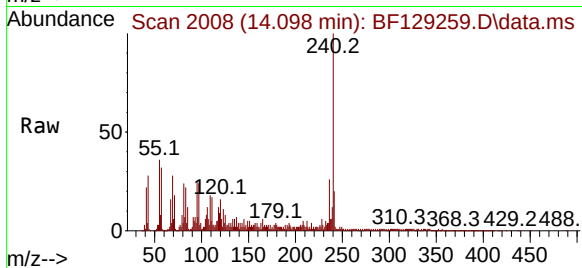
Tgt Ion:240 Resp: 523600

Ion Ratio Lower Upper

240 100

120 16.3 8.9 13.3#

236 25.9 20.8 31.2



#78

Pyrene

Concen: 5.149 ng

RT: 12.921 min Scan# 1808

Delta R.T. 0.047 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

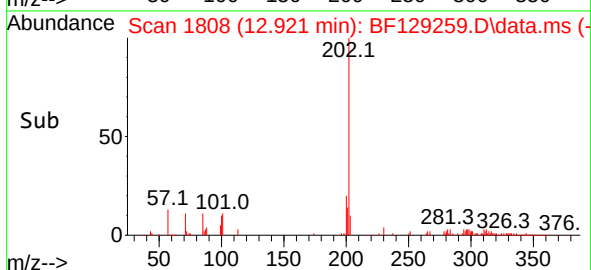
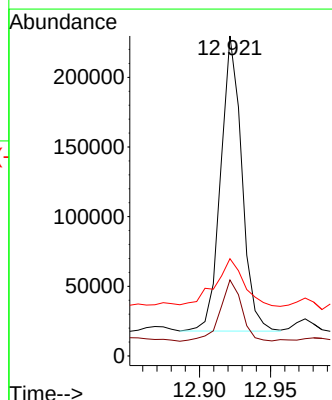
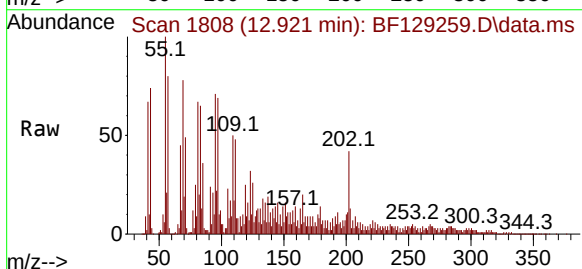
Tgt Ion:202 Resp: 218351

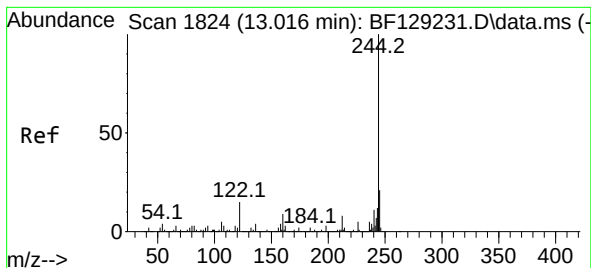
Ion Ratio Lower Upper

202 100

200 23.8 17.7 26.5

203 30.4 14.6 21.8#





#79

Terphenyl-d14

Concen: 3.527 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290

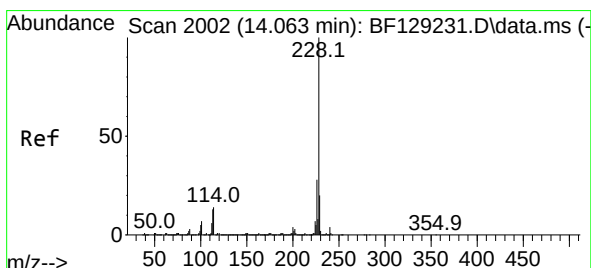
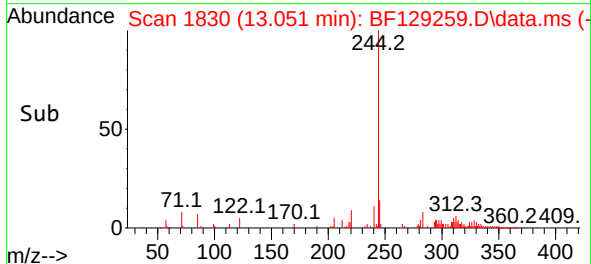
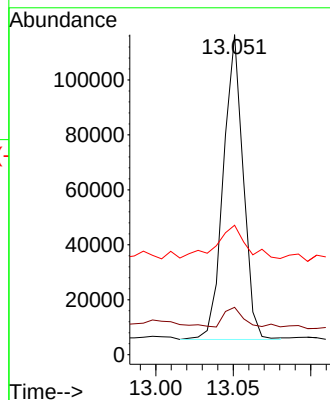
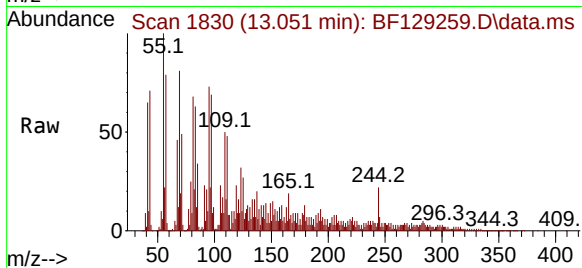
Tgt Ion:244 Resp: 98720

Ion Ratio Lower Upper

244 100

212 14.8 6.1 9.1#

122 40.5 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 3.755 ng

RT: 14.086 min Scan# 2006

Delta R.T. 0.024 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

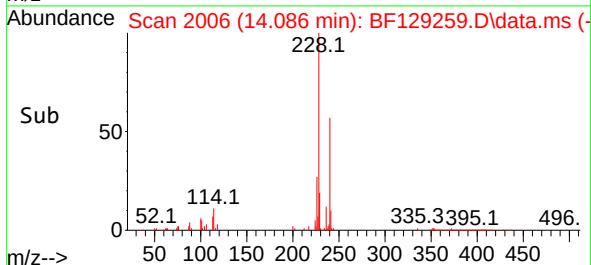
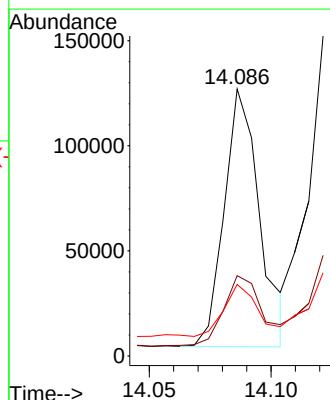
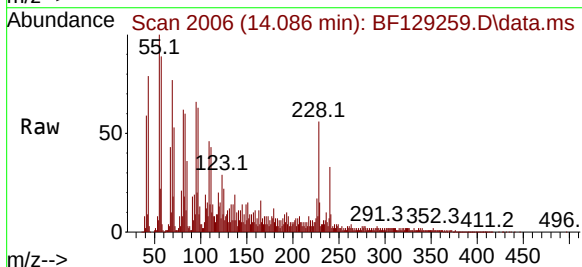
Tgt Ion:228 Resp: 124014

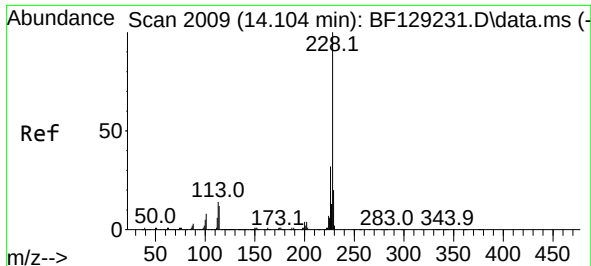
Ion Ratio Lower Upper

228 100

226 30.1 22.1 33.1

229 26.8 15.8 23.8#

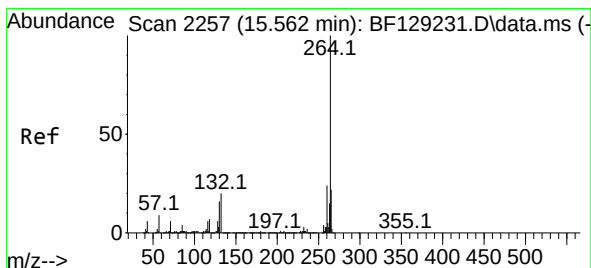
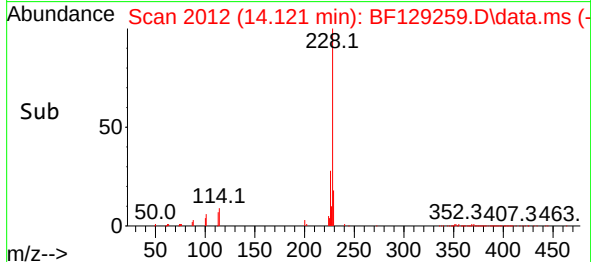
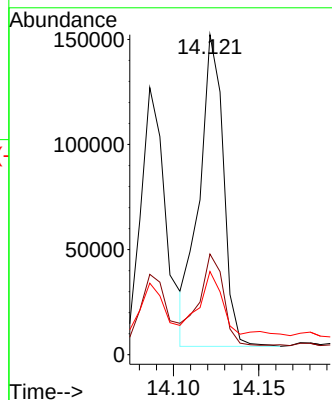
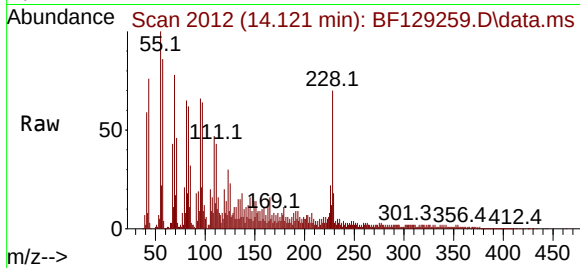




#83
Chrysene
Concen: 4.644 ng
RT: 14.121 min Scan# 2009
Delta R.T. 0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

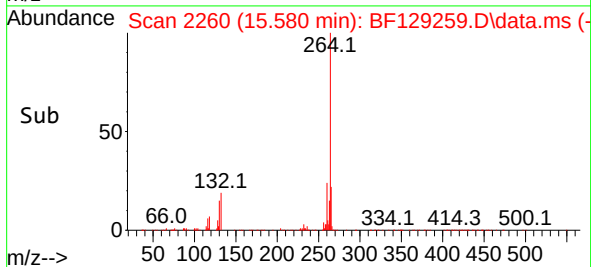
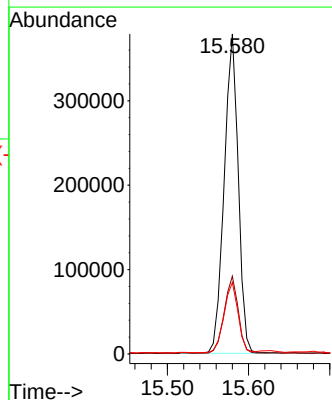
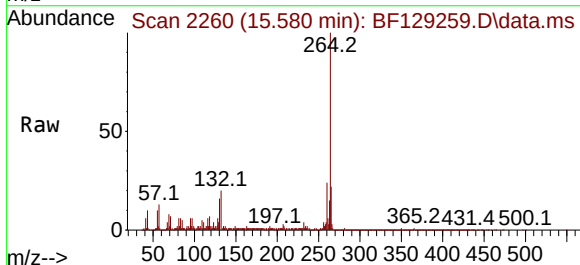
Instrument :
BNA_F
ClientSampleId :
ETGI-290

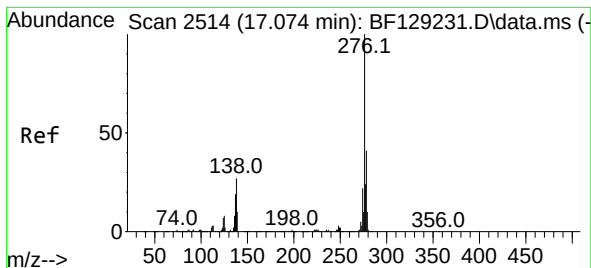
Tgt Ion:228 Resp: 146396
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 26.0 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. 0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:264 Resp: 457939
Ion Ratio Lower Upper
264 100
260 24.3 18.4 27.6
265 22.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.597 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290

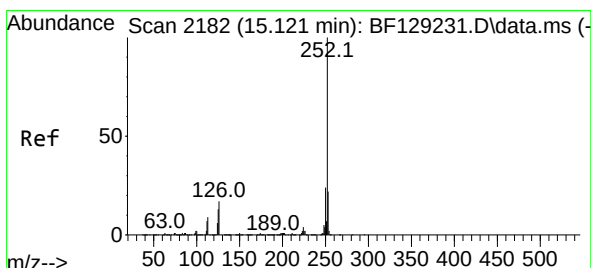
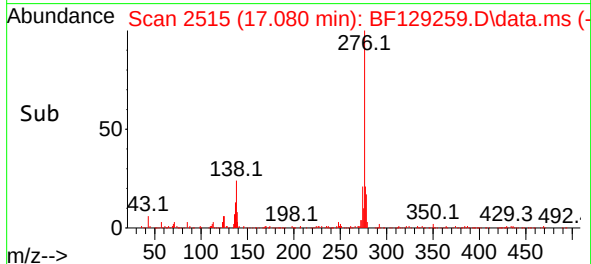
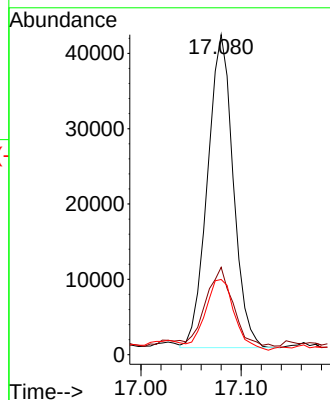
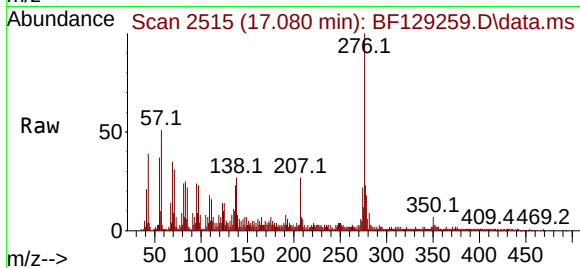
Tgt Ion:276 Resp: 74167

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 9.099 ng

RT: 15.139 min Scan# 2185

Delta R.T. 0.018 min

Lab File: BF129259.D

Acq: 16 Jul 2022 02:17

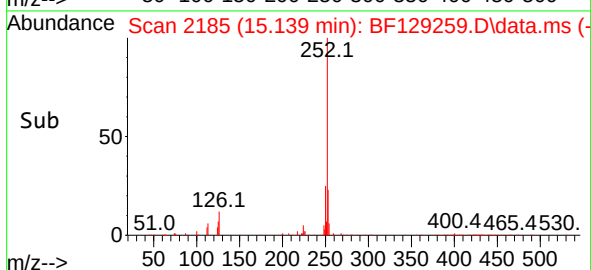
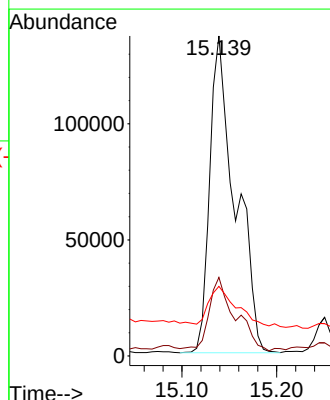
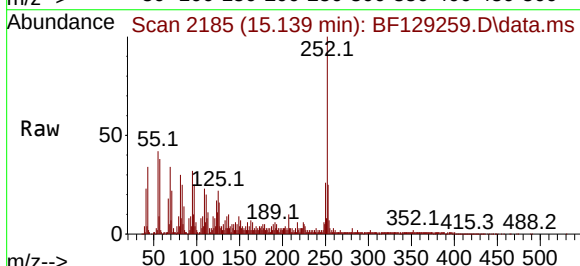
Tgt Ion:252 Resp: 255976

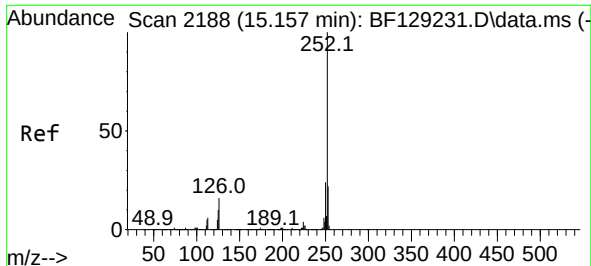
Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 21.7 8.0 12.0#

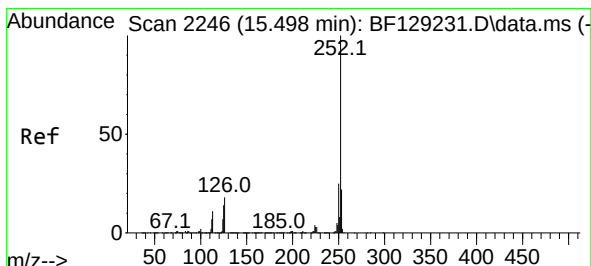
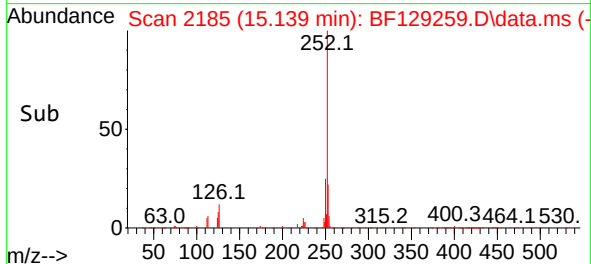
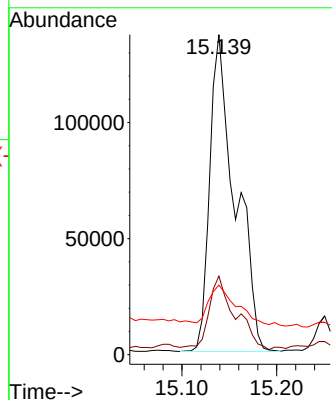
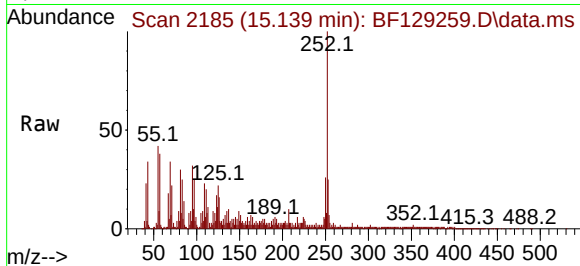




#89
Benzo(k)fluoranthene
Concen: 9.313 ng
RT: 15.139 min Scan# 2188
Delta R.T. -0.018 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

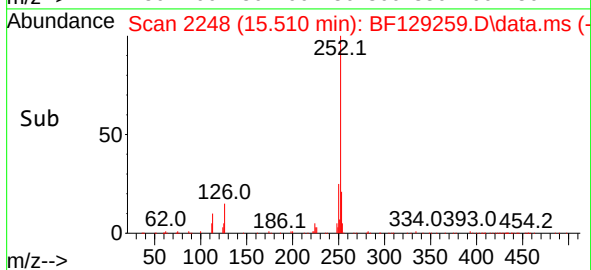
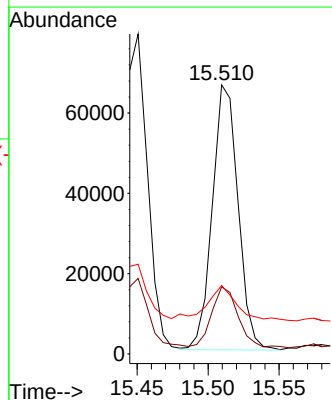
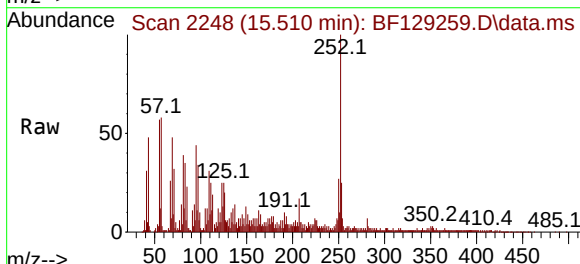
Instrument :
BNA_F
ClientSampleId :
ETGI-290

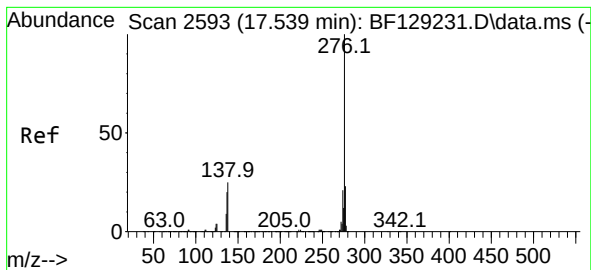
Tgt Ion:252 Resp: 255976
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.6
125 21.7 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 3.635 ng
RT: 15.510 min Scan# 2248
Delta R.T. 0.012 min
Lab File: BF129259.D
Acq: 16 Jul 2022 02:17

Tgt Ion:252 Resp: 83247
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.6
125 25.5 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.089 ng

RT: 17.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129259.D

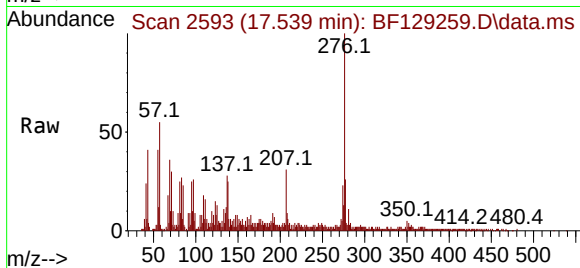
Acq: 16 Jul 2022 02:17

Instrument :

BNA_F

ClientSampleId :

ETGI-290



Tgt Ion:276 Resp: 72941

Ion Ratio Lower Upper

276 100

277 26.2 19.1 28.7

138 24.8 18.0 27.0

