

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139277.D
 Acq On : 06 Sep 2024 15:01
 Operator : RC/JU
 Sample : P3852-04DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI356DL

Quant Time: Sep 06 15:25:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

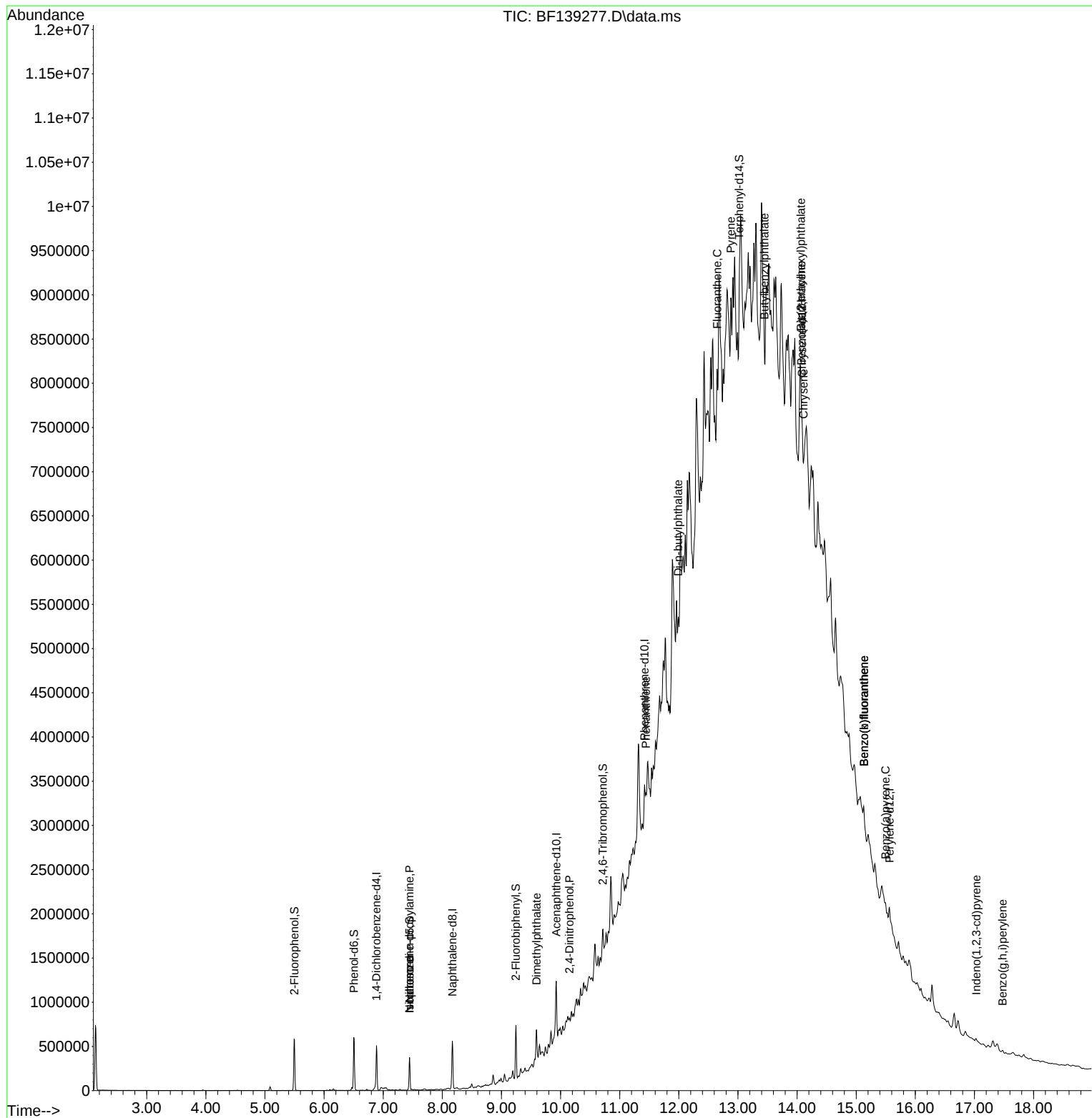
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	94466	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	309111	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	146363	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	248493	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	127196	20.000	ng	# 0.04
86) Perylene-d12	15.562	264	119183	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	195630	34.643	ng	0.00
7) Phenol-d6	6.504	99	242179	32.125	ng	-0.01
23) Nitrobenzene-d5	7.445	82	142603	24.000	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	45541	36.033	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	244652	25.803	ng	0.00
79) Terphenyl-d14	13.021	244	204884	26.007	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	20525	4.727	ng	# 75
25) Isophorone	7.445	82	142601	14.038	ng	# 67
50) Dimethylphthalate	9.592	163	18857	2.126	ng	# 83
54) 2,4-Dinitrophenol	10.151	184	122	7.631	ng	# 1
71) Phenanthrene	11.445	178	91719	7.901	ng	# 83
74) Di-n-butylphthalate	11.986	149	27782	2.560	ng	# 52
75) Fluoranthene	12.651	202	269803	23.183	ng	93
78) Pyrene	12.880	202	216919	17.654	ng	# 93
80) Butylbenzylphthalate	13.451	149	11759	4.065	ng	# 80
81) Benzo(a)anthracene	14.074	228	72406	8.915	ng	# 90
83) Chrysene	14.110	228	86688	11.436	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.062	149	207570	61.139	ng	# 92
87) Indeno(1,2,3-cd)pyrene	17.033	276	38030	5.108	ng	94
88) Benzo(b)fluoranthene	15.133	252	118206	17.222	ng	# 32
89) Benzo(k)fluoranthene	15.133	252	118206	19.207	ng	# 33
90) Benzo(a)pyrene	15.498	252	48771	8.368	ng	# 30
92) Benzo(g,h,i)perylene	17.474	276	34491	5.446	ng	# 88

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

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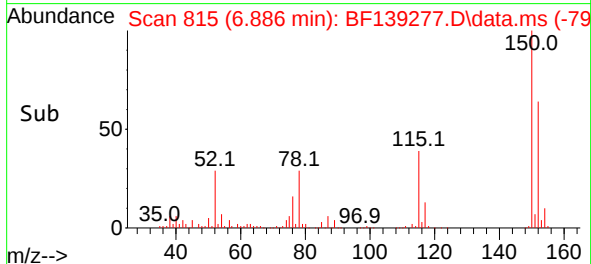
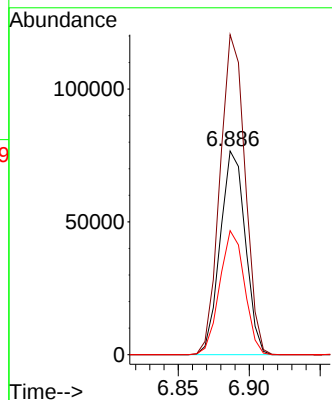
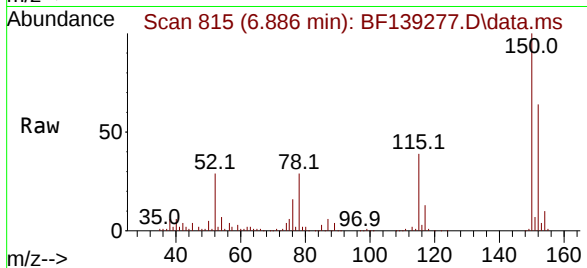




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

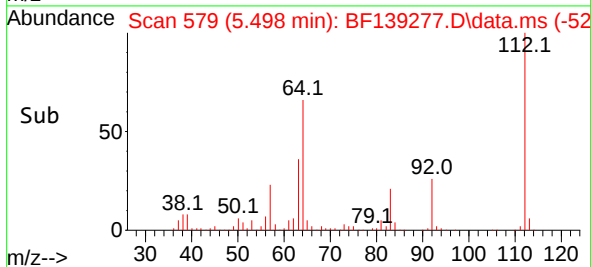
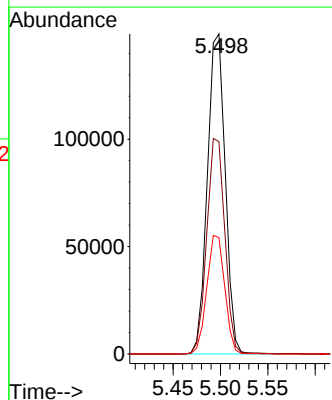
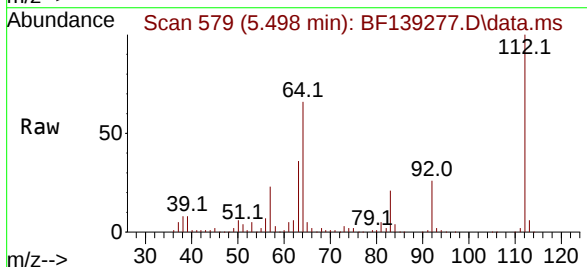
Instrument :
BNA_F
ClientSampleId :
ETGI356DL

Tgt Ion:152 Resp: 94466
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.4
115 60.9 46.9 70.3



#5
2-Fluorophenol
Concen: 34.643 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:112 Resp: 195630
Ion Ratio Lower Upper
112 100
64 66.3 55.0 82.4
63 36.4 29.9 44.9

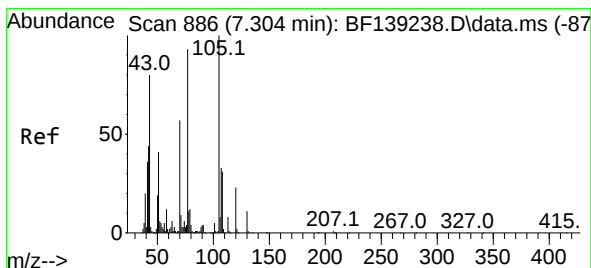
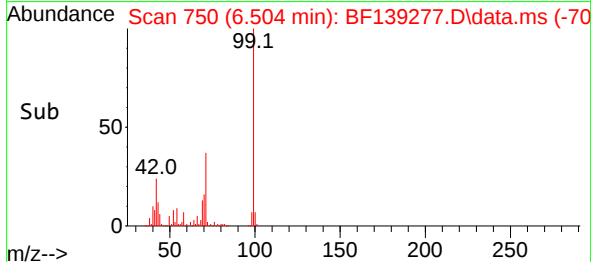
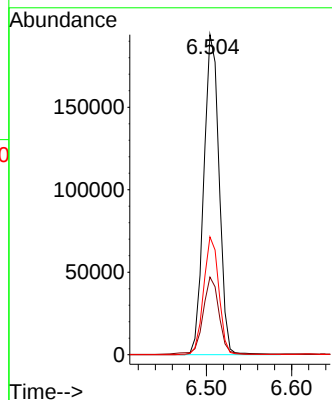
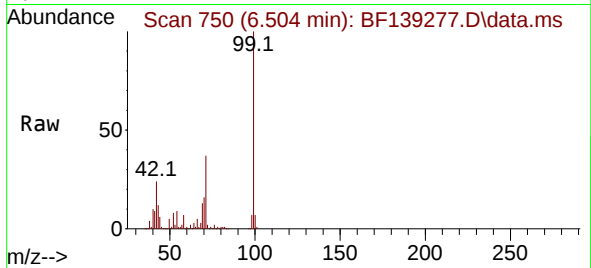




#7
Phenol-d6
Concen: 32.125 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

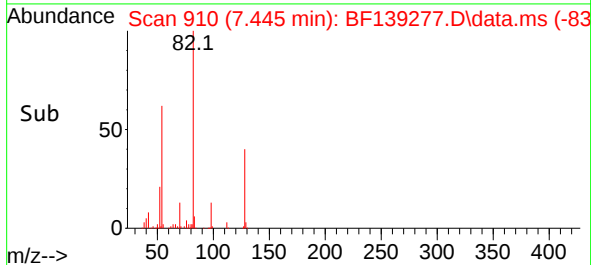
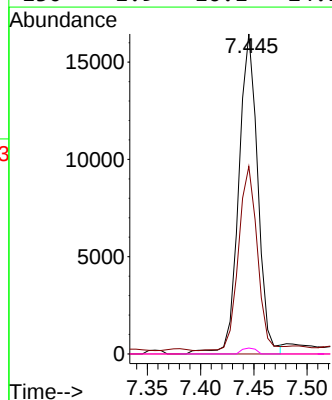
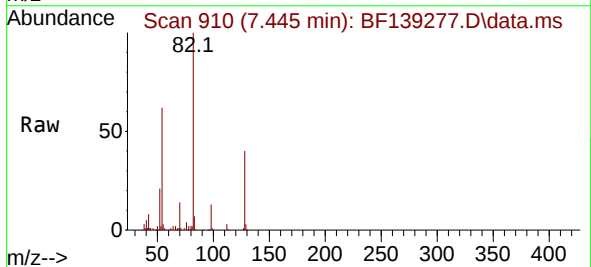
Instrument :
BNA_F
ClientSampleId :
ETGI356DL

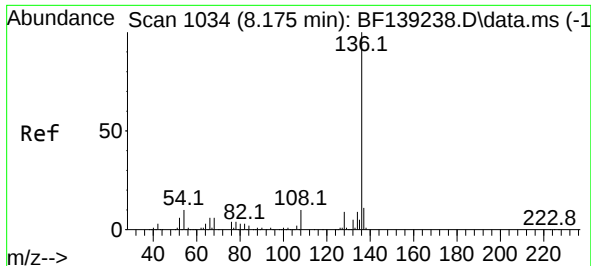
Tgt Ion: 99 Resp: 242179
Ion Ratio Lower Upper
99 100
42 24.3 19.8 29.6
71 36.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 4.727 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 70 Resp: 20525
Ion Ratio Lower Upper
70 100
42 58.6 61.0 91.6#
101 0.0 7.2 10.8#
130 1.9 16.1 24.1#

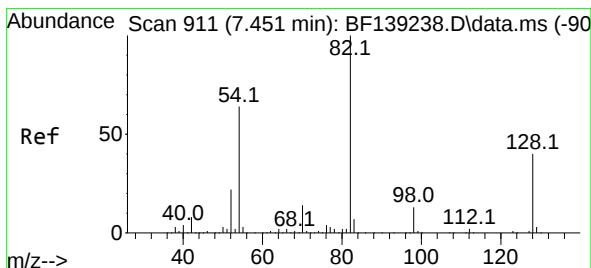
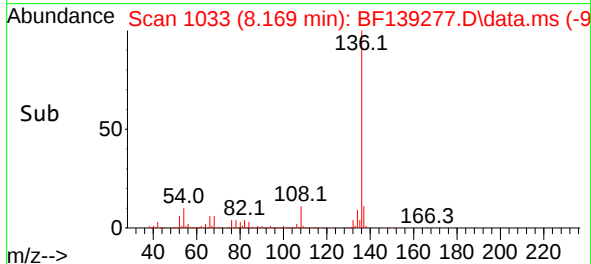
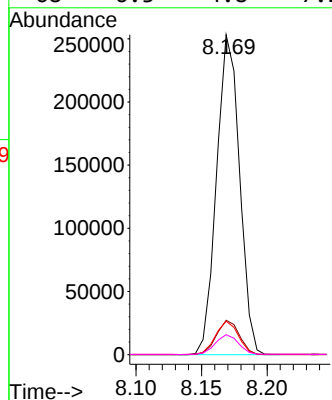
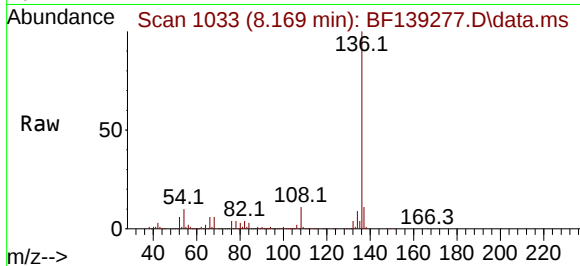




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

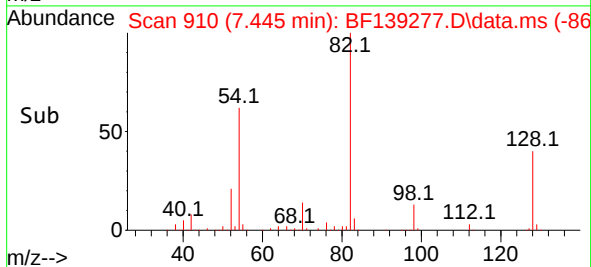
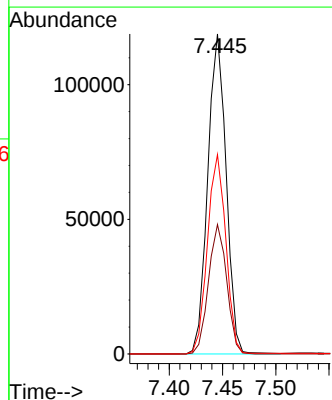
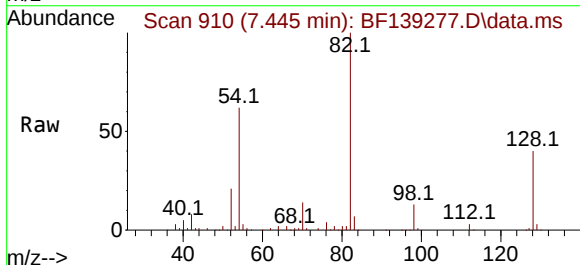
Instrument :
BNA_F
ClientSampleId :
ETGI356DL

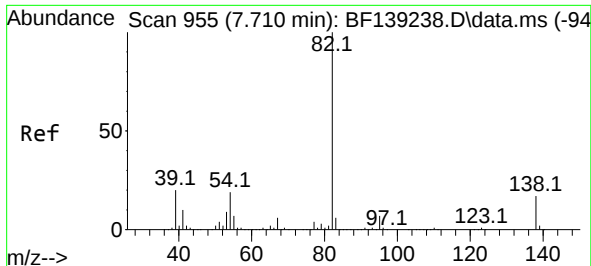
Tgt Ion:136 Resp: 309111
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.4 8.4 12.6
68 6.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 24.000 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion: 82 Resp: 142603
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 62.3 51.2 76.8

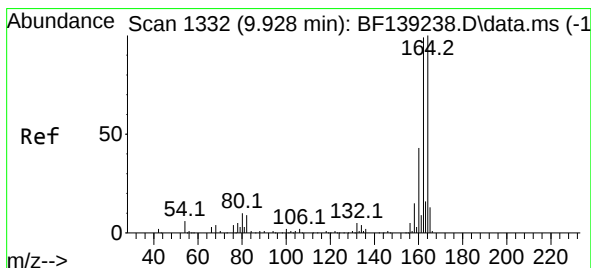
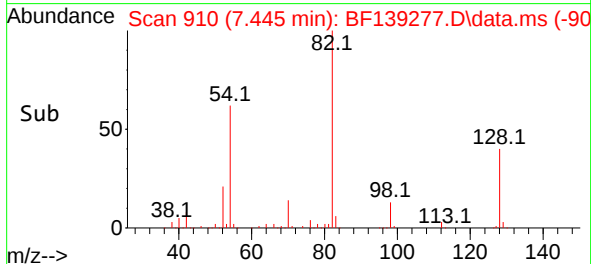
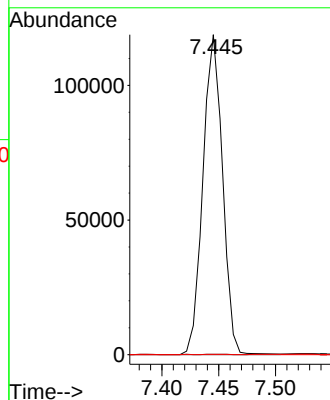
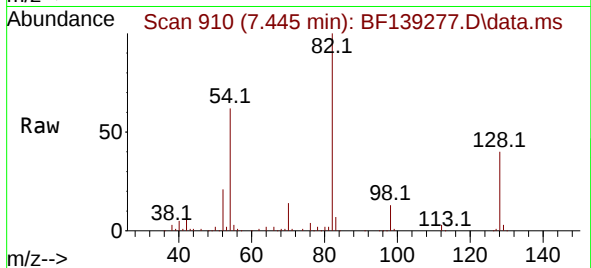




#25
Isophorone
Concen: 14.038 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

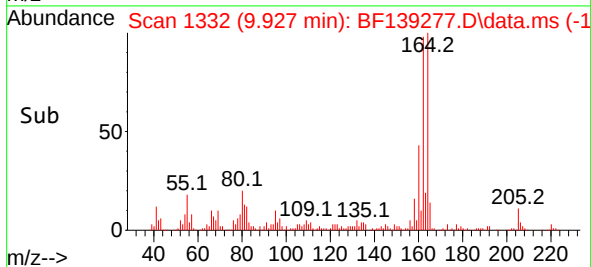
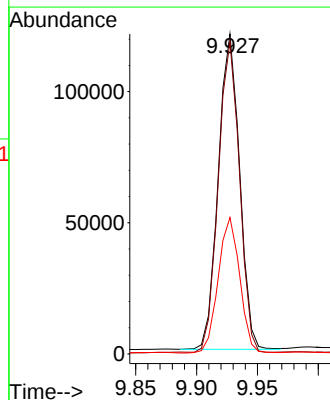
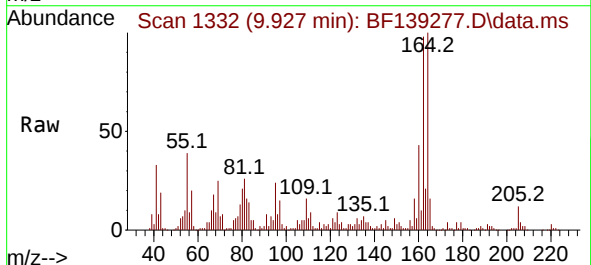
Instrument :
BNA_F
ClientSampleId :
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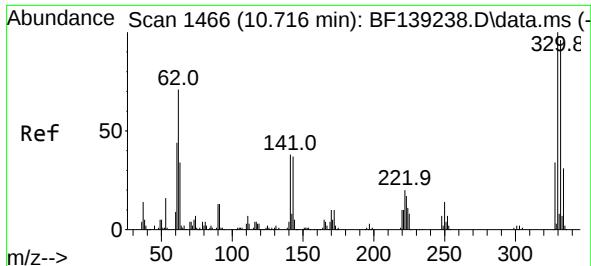
Tgt Ion: 82 Resp: 142601
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:164 Resp: 146363
Ion Ratio Lower Upper
164 100
162 97.6 79.2 118.8
160 42.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 36.033 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

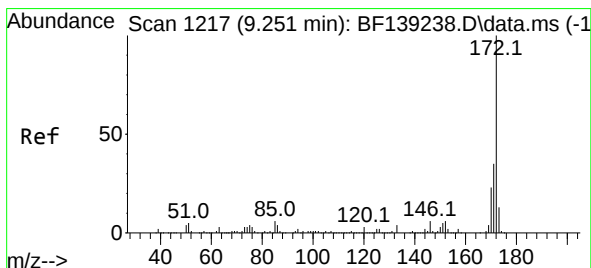
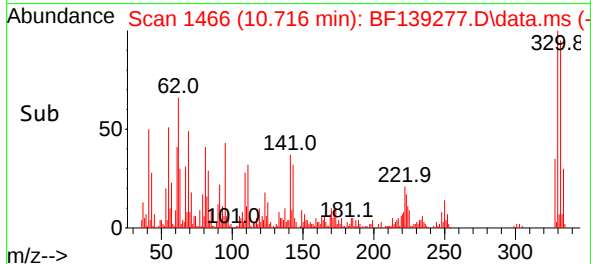
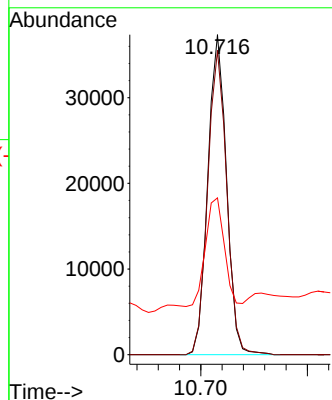
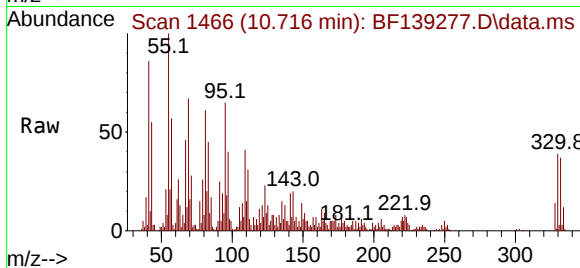
Tgt Ion:330 Resp: 45541

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

141 34.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 25.803 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

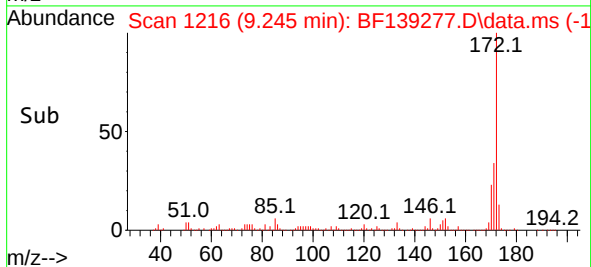
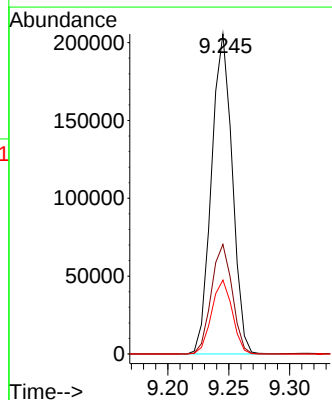
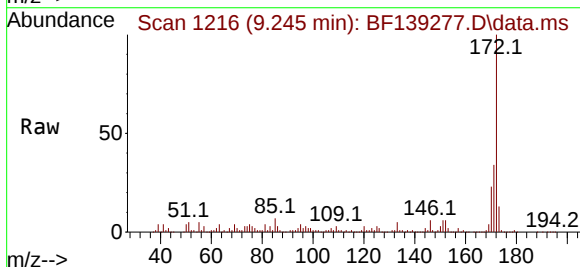
Tgt Ion:172 Resp: 244652

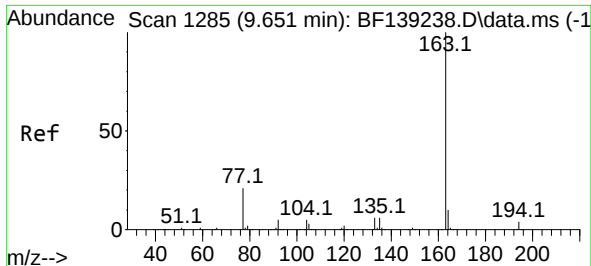
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.1 18.7 28.1

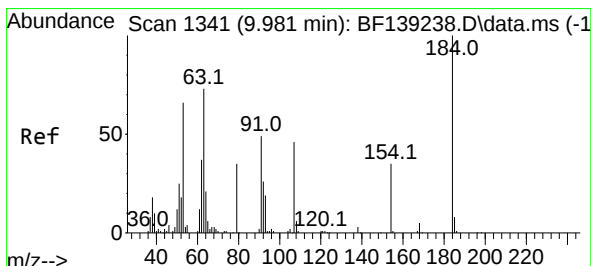
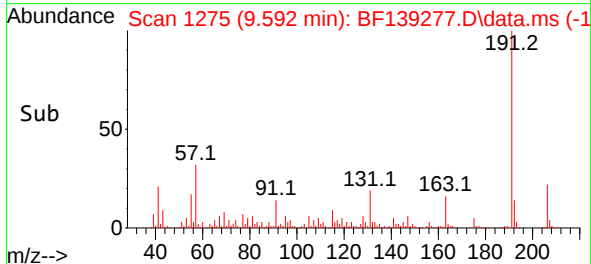
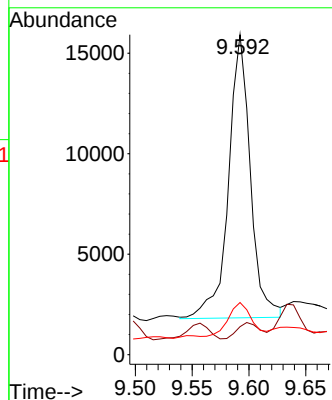
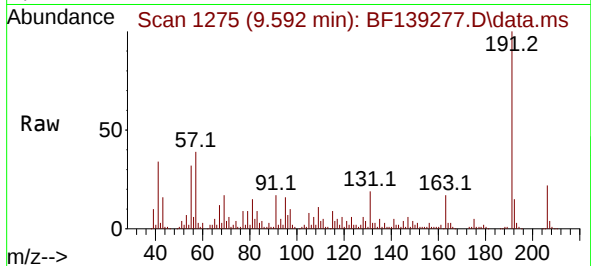




#50
Dimethylphthalate
Concen: 2.126 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.059 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

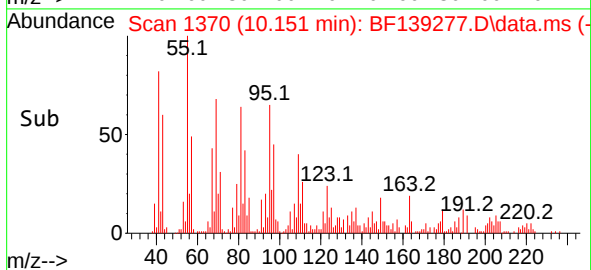
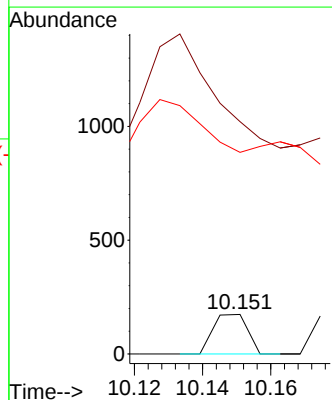
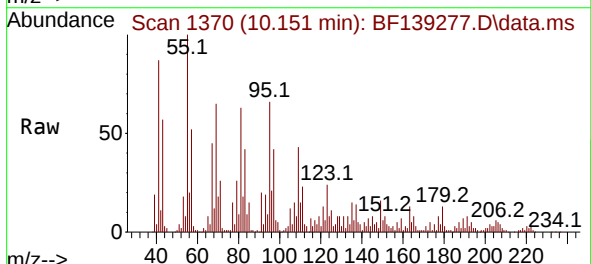
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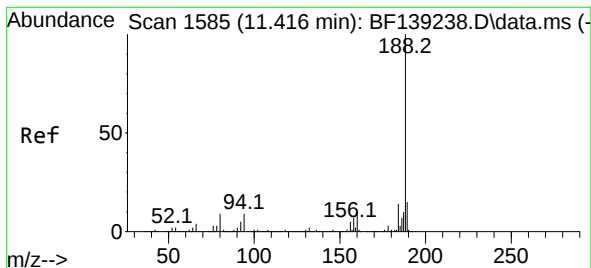
Tgt Ion:163 Resp: 18857
Ion Ratio Lower Upper
163 100
194 8.7 3.2 4.8#
164 16.3 7.9 11.9#



#54
2,4-Dinitrophenol
Concen: 7.631 ng
RT: 10.151 min Scan# 1370
Delta R.T. 0.170 min
Lab File: BF139277.D
Acq: 06 Sep 2024 15:01

Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 586.8 66.4 99.6#
154 509.2 97.0 145.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

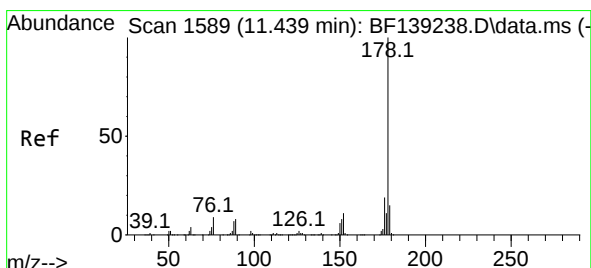
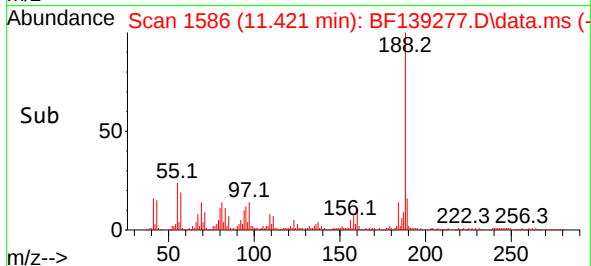
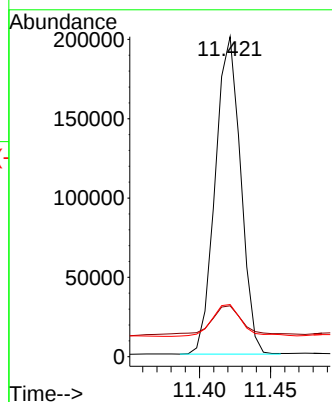
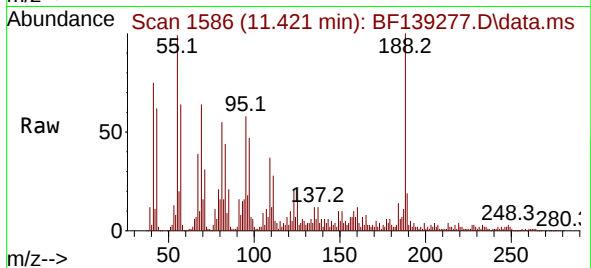
Tgt Ion:188 Resp: 248493

Ion Ratio Lower Upper

188 100

94 15.9 7.0 10.4#

80 16.3 7.3 10.9#



#71

Phenanthrene

Concen: 7.901 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

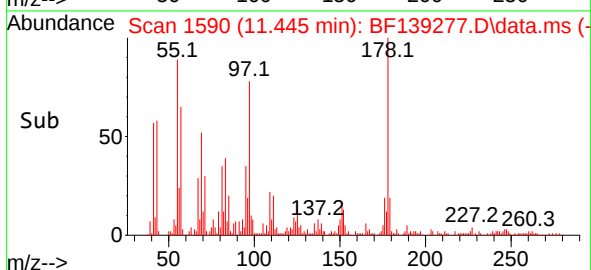
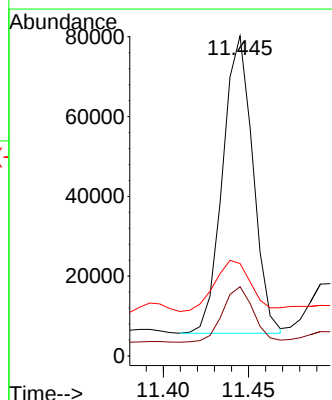
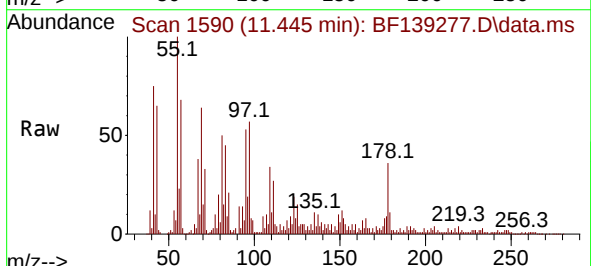
Tgt Ion:178 Resp: 91719

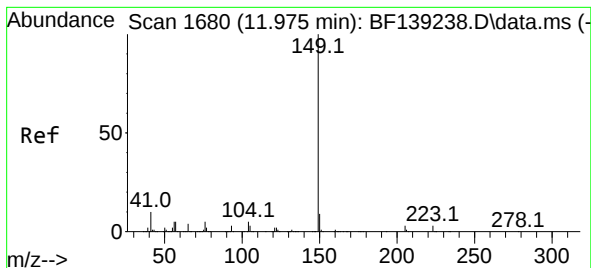
Ion Ratio Lower Upper

178 100

176 21.7 15.4 23.0

179 28.9 12.3 18.5#





#74

Di-n-butylphthalate

Concen: 2.560 ng

RT: 11.986 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

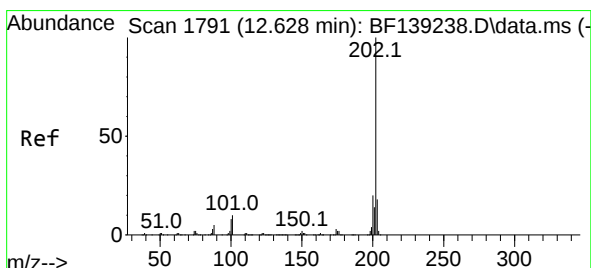
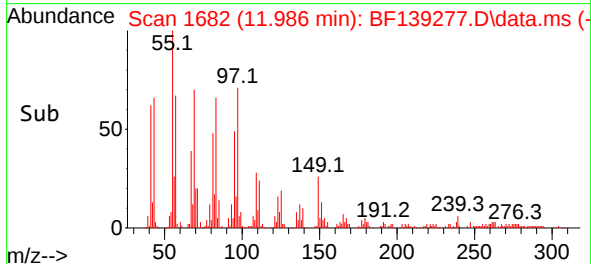
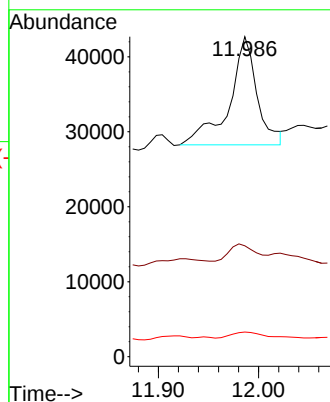
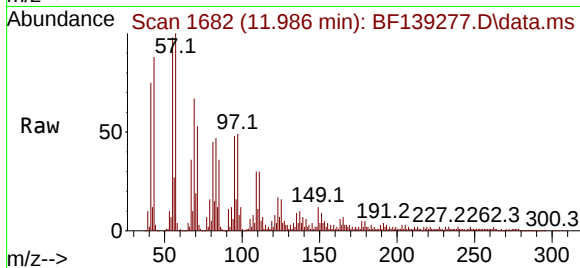
Tgt Ion:149 Resp: 27782

Ion Ratio Lower Upper

149 100

150 34.6 7.5 11.3#

104 7.7 3.9 5.9#



#75

Fluoranthene

Concen: 23.183 ng

RT: 12.651 min Scan# 1795

Delta R.T. 0.023 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

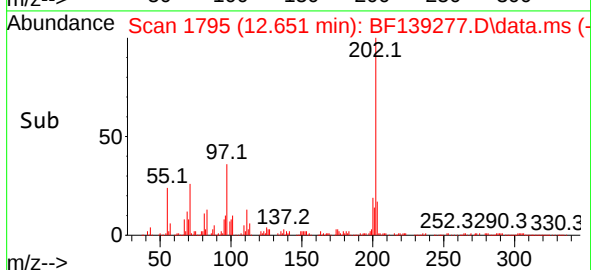
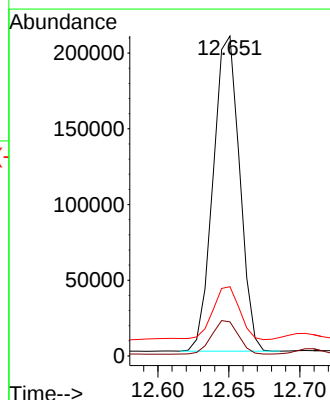
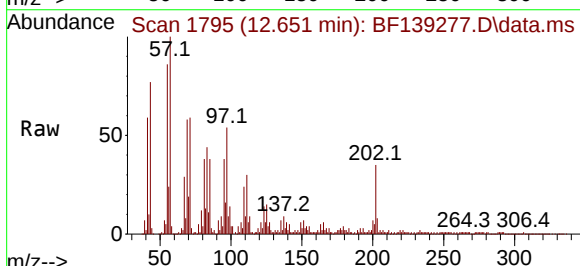
Tgt Ion:202 Resp: 269803

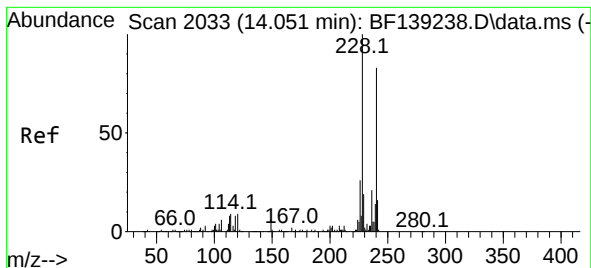
Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.9

203 21.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

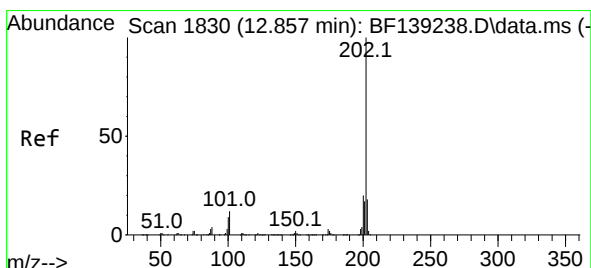
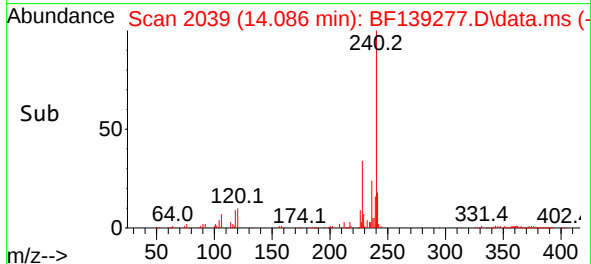
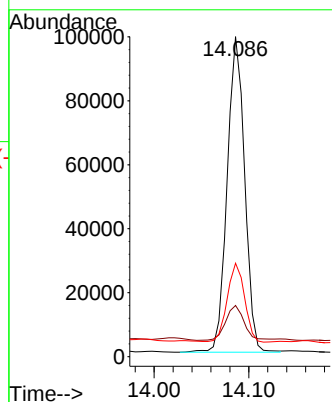
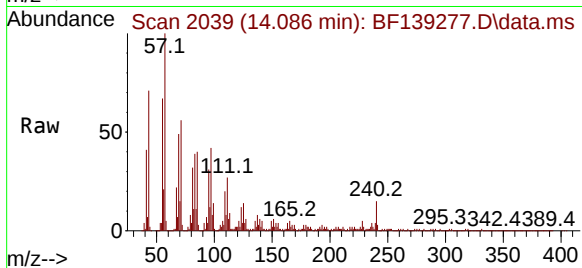
Tgt Ion:240 Resp: 127196

Ion Ratio Lower Upper

240 100

120 16.0 8.6 12.8#

236 29.2 20.7 31.1



#78

Pyrene

Concen: 17.654 ng

RT: 12.880 min Scan# 1834

Delta R.T. 0.023 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

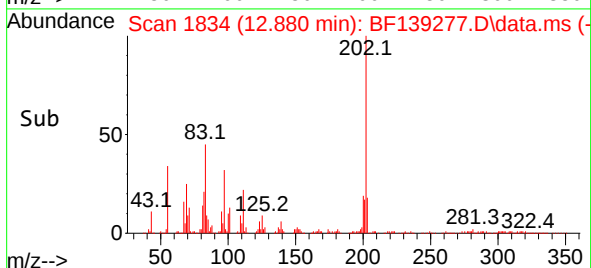
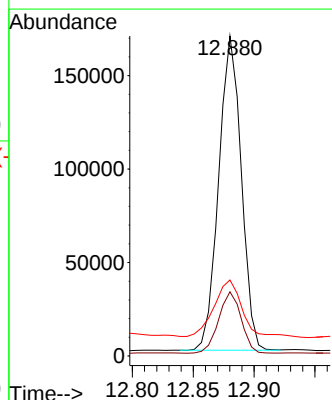
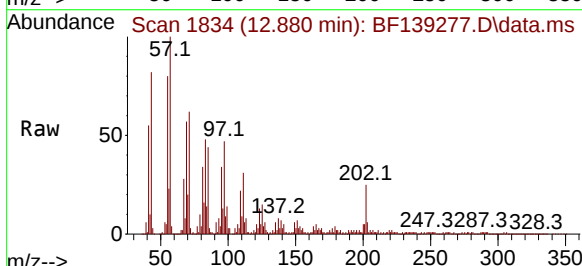
Tgt Ion:202 Resp: 216919

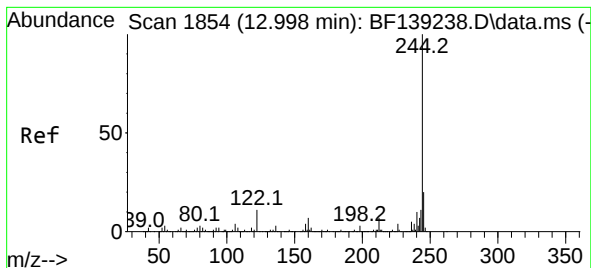
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.8

203 23.7 14.1 21.1#





#79

Terphenyl-d14

Concen: 26.007 ng

RT: 13.021 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

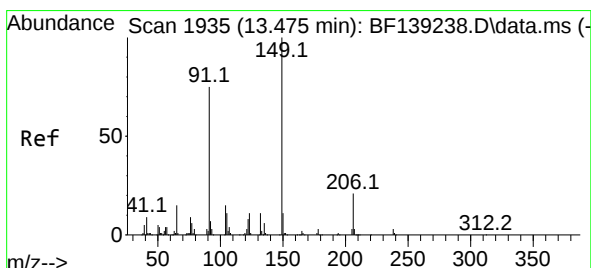
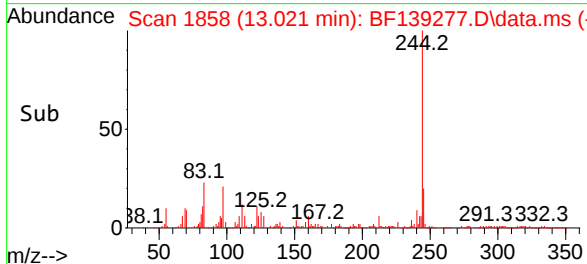
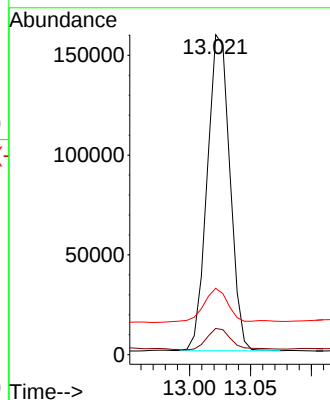
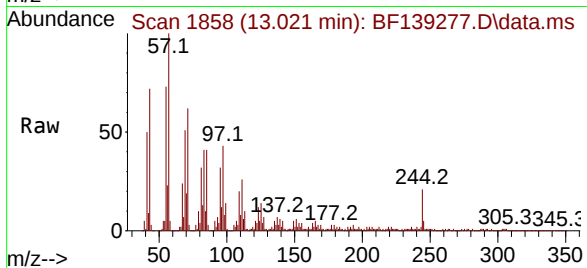
Tgt Ion:244 Resp: 204884

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

122 20.8 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 4.065 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.024 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

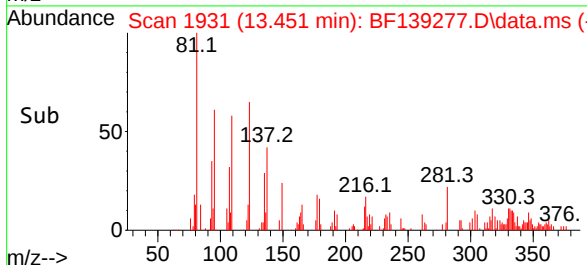
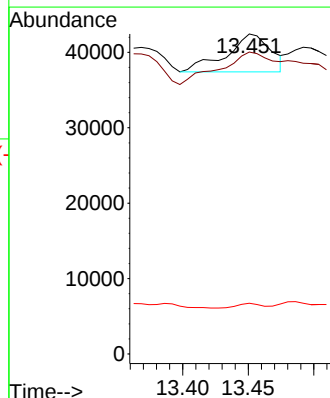
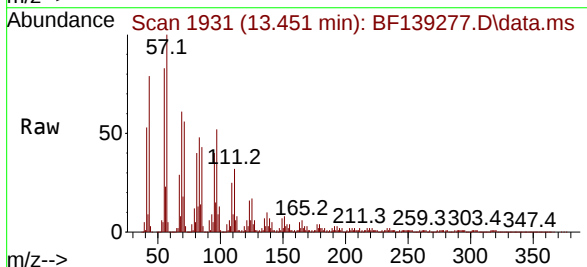
Tgt Ion:149 Resp: 11759

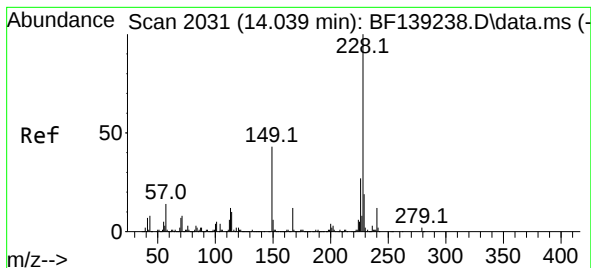
Ion Ratio Lower Upper

149 100

91 94.3 60.3 90.5#

206 15.8 16.7 25.1#





#81

Benzo(a)anthracene

Concen: 8.915 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

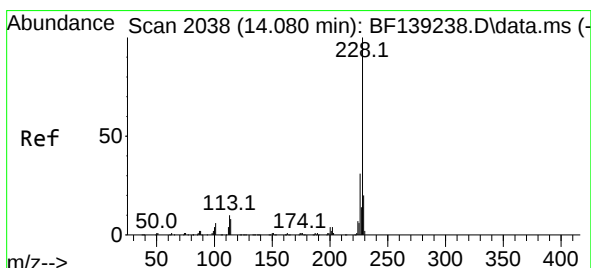
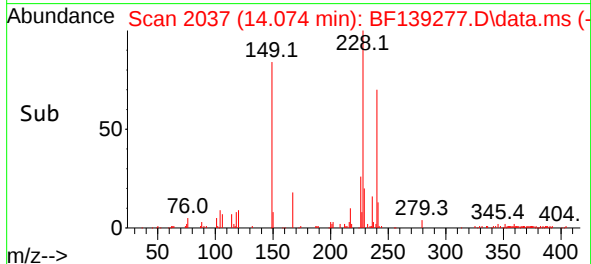
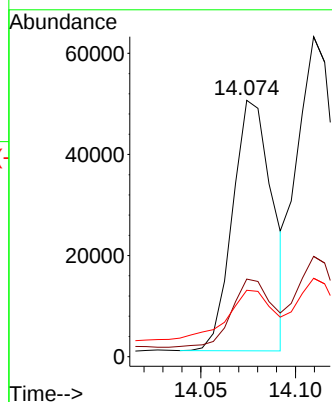
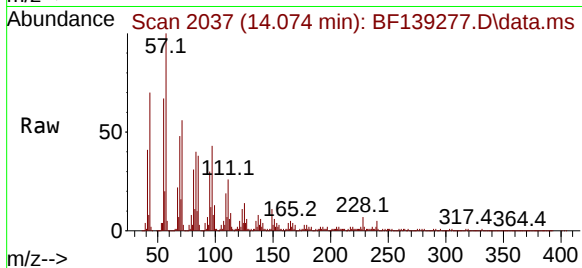
Tgt Ion:228 Resp: 72406

Ion Ratio Lower Upper

228 100

226 30.3 21.5 32.3

229 25.9 15.6 23.4#



#83

Chrysene

Concen: 11.436 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.029 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

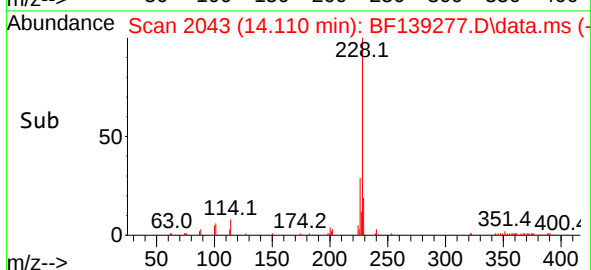
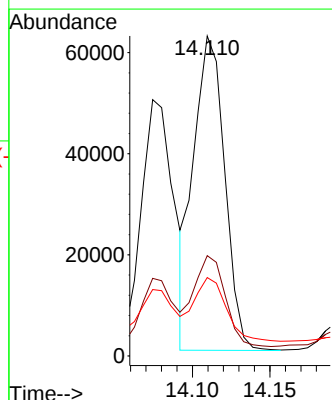
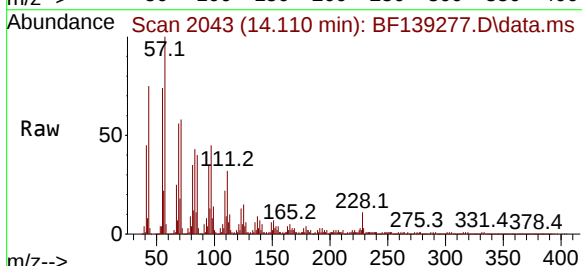
Tgt Ion:228 Resp: 86688

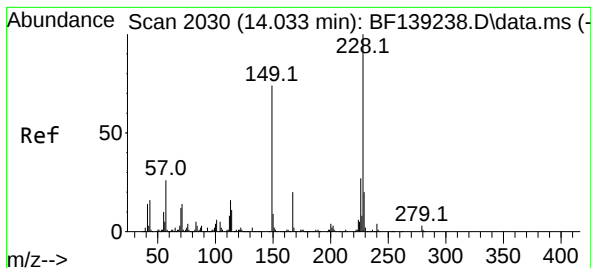
Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.8

229 24.5 15.8 23.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 61.139 ng

RT: 14.062 min Scan# 2030

Delta R.T. 0.029 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

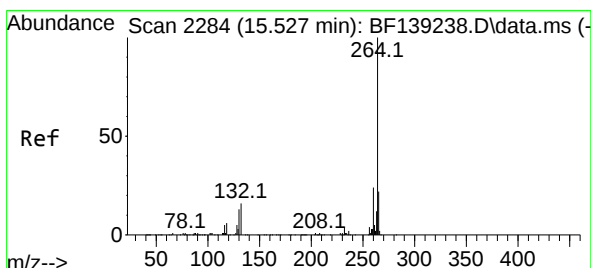
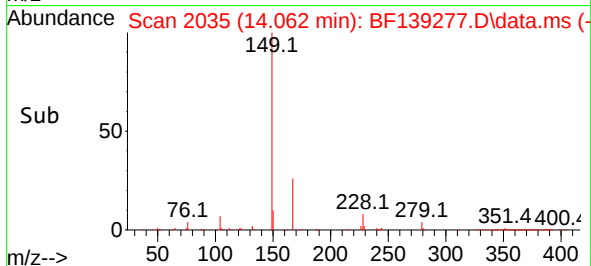
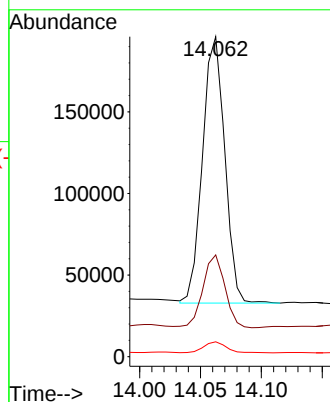
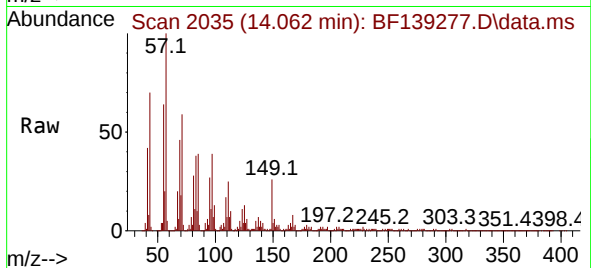
Tgt Ion:149 Resp: 207570

Ion Ratio Lower Upper

149 100

167 31.8 21.8 32.6

279 4.7 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

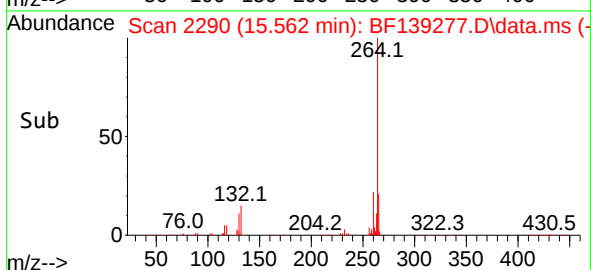
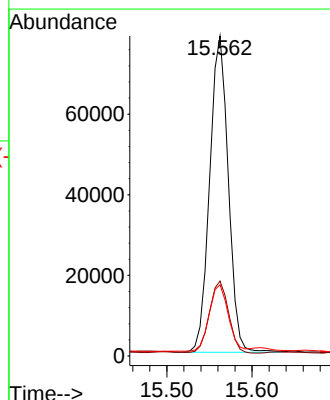
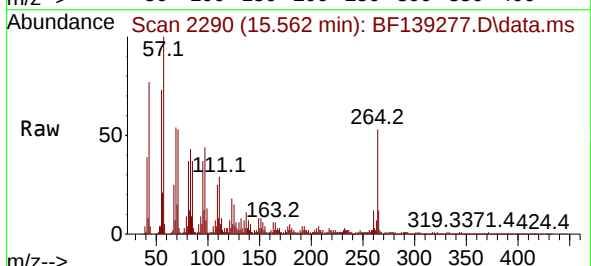
Tgt Ion:264 Resp: 119183

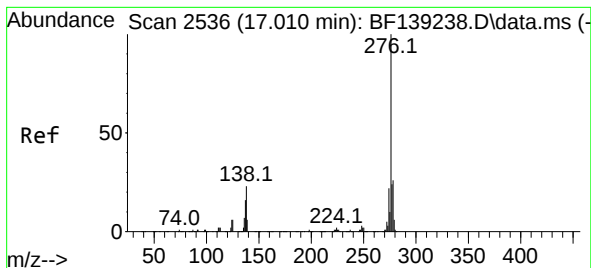
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.108 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

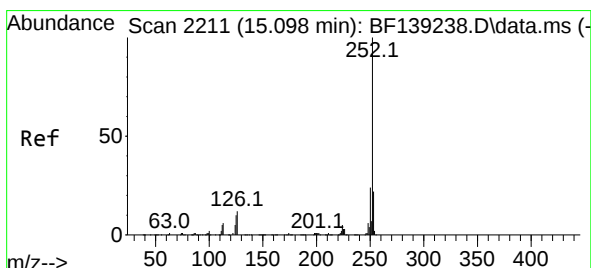
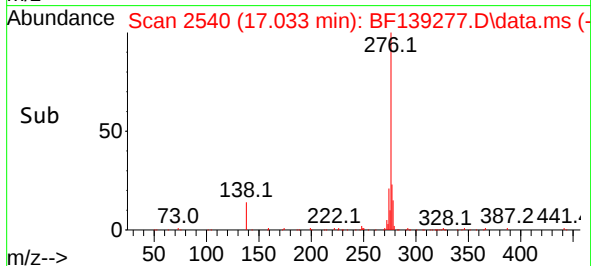
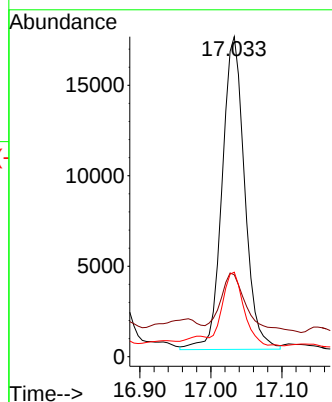
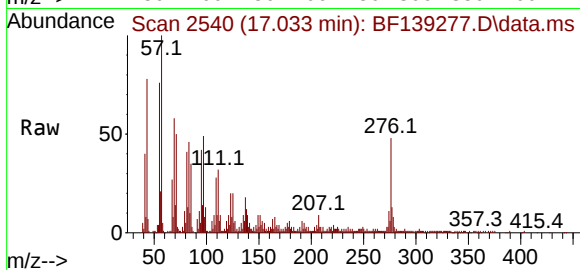
Tgt Ion:276 Resp: 38030

Ion Ratio Lower Upper

276 100

138 22.0 20.4 30.6

277 22.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 17.222 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

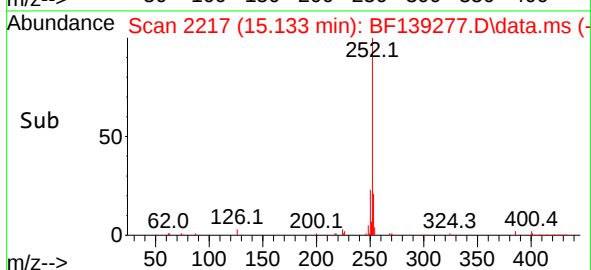
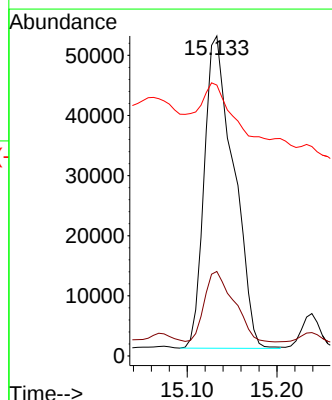
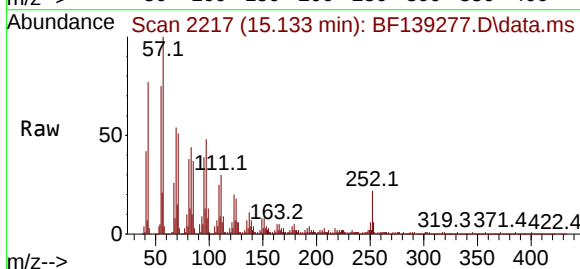
Tgt Ion:252 Resp: 118206

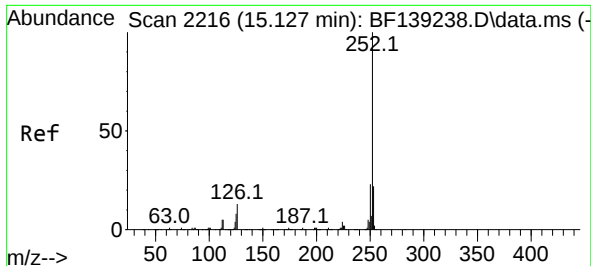
Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4#

125 84.7 7.6 11.4#





#89

Benzo(k)fluoranthene

Concen: 19.207 ng

RT: 15.133 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL

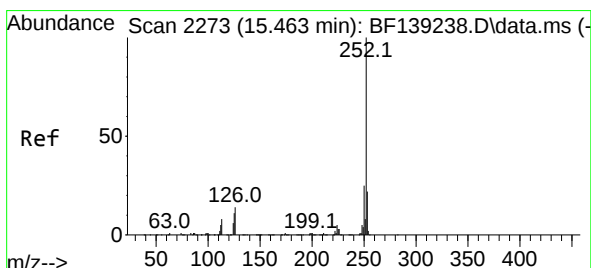
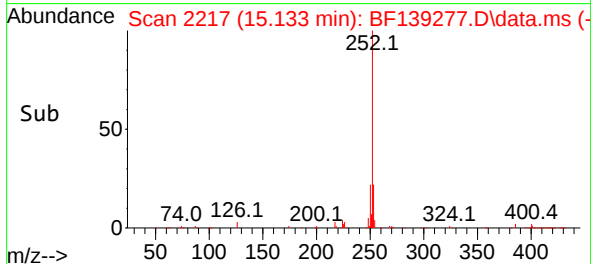
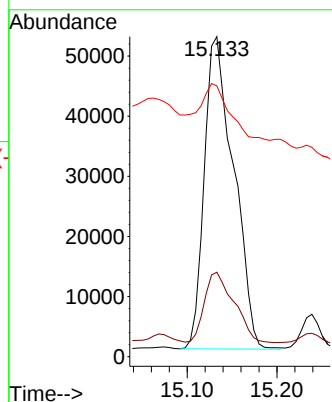
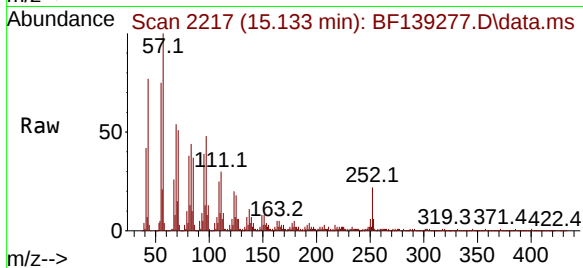
Tgt Ion:252 Resp: 118206

Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4#

125 84.7 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 8.368 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.035 min

Lab File: BF139277.D

Acq: 06 Sep 2024 15:01

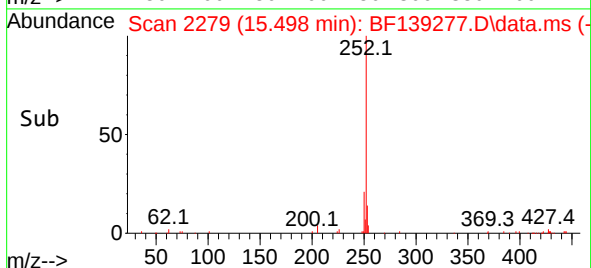
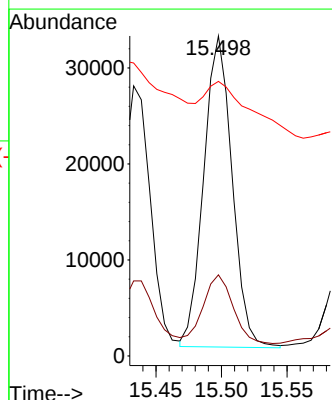
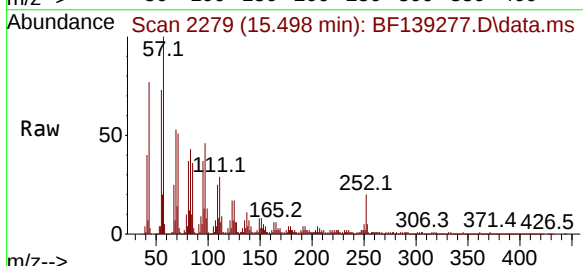
Tgt Ion:252 Resp: 48771

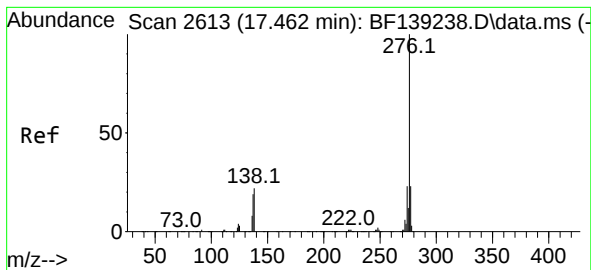
Ion Ratio Lower Upper

252 100

253 25.3 17.5 26.3

125 85.8 8.6 13.0#





#92

Benzo(g,h,i)perylene

Concen: 5.446 ng

RT: 17.474 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF139277.D

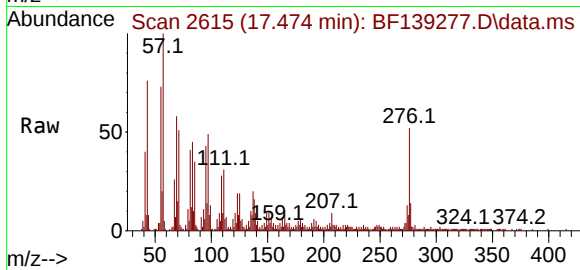
Acq: 06 Sep 2024 15:01

Instrument :

BNA_F

ClientSampleId :

ETGI356DL



Tgt Ion:276 Resp: 34491

Ion Ratio Lower Upper

276 100

277 26.9 18.6 27.8

138 30.0 17.4 26.0#

