

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137479.D
 Acq On : 04 Mar 2024 14:20
 Operator : CG\JU
 Sample : P1662-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-352

Quant Time: Mar 04 14:41:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

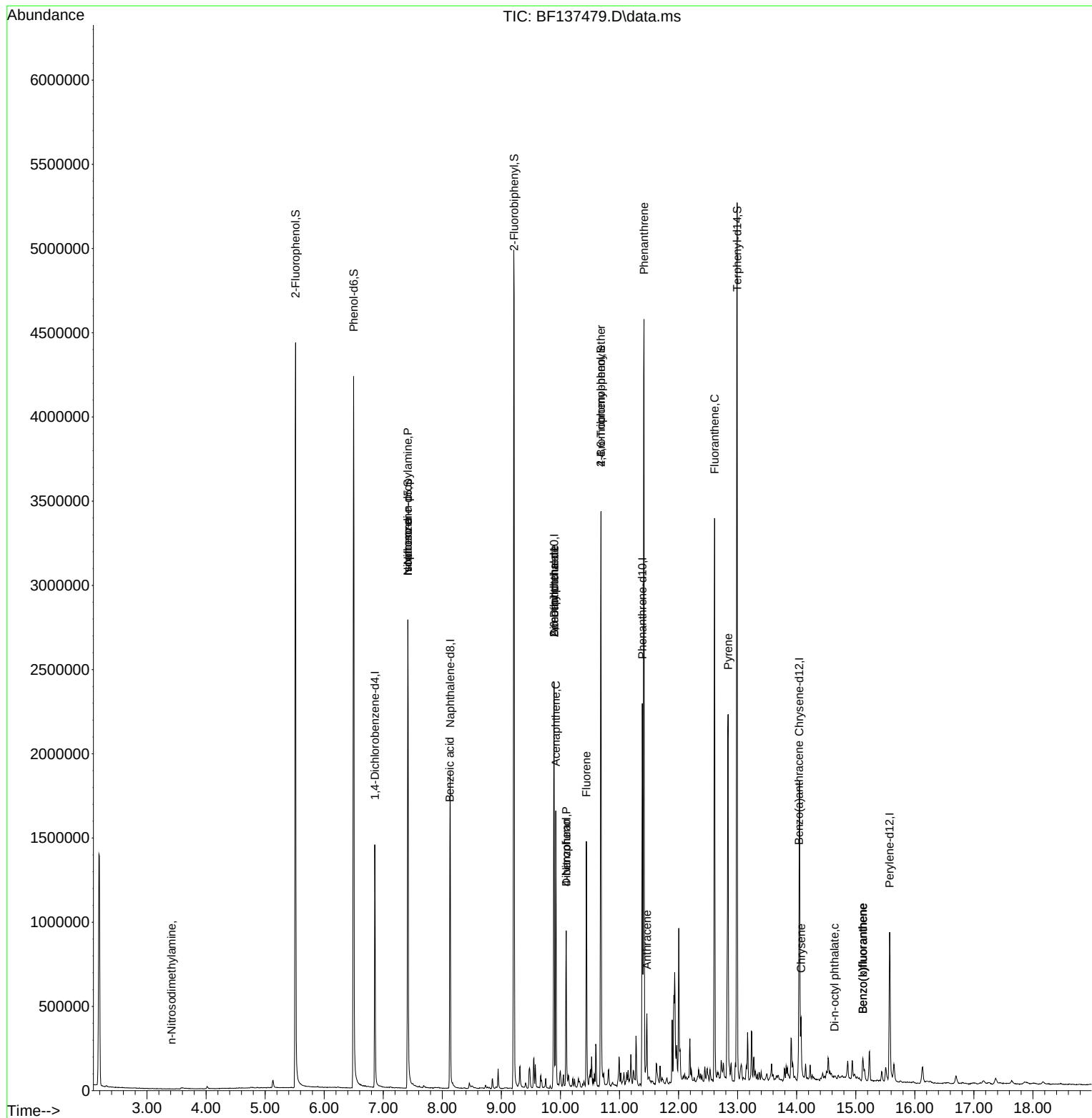
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	210517	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	836997	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	463879	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	833398	20.000	ng	0.00
76) Chrysene-d12	14.045	240	506032	20.000	ng	0.00
86) Perylene-d12	15.574	264	437242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1228962	88.416	ng	0.00
7) Phenol-d6	6.498	99	1688516	84.157	ng	0.00
23) Nitrobenzene-d5	7.416	82	1025435	56.925	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	365124	89.630	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1681398	56.739	ng	0.00
79) Terphenyl-d14	12.992	244	1890401	51.370	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.416	42	402	3.858	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	135203	10.913	ng	# 81
25) Isophorone	7.416	82	1025429	29.963	ng	# 69
32) Benzoic acid	8.128	122	207	6.322	ng	# 1
50) Dimethylphthalate	9.892	163	79710	2.468	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	66911	9.907	ng	# 20
52) Acenaphthene	9.922	154	316058	12.780	ng	99
55) Dibenzofuran	10.098	168	339440	9.011	ng	97
56) 4-Nitrophenol	10.098	139	123710	27.489	ng	# 6
58) Fluorene	10.439	166	378024	13.068	ng	98
67) 4-Bromophenyl-phenylether	10.686	248	25475	2.806	ng	# 1
71) Phenanthrene	11.416	178	1721195	37.949	ng	99
72) Anthracene	11.463	178	189752	4.073	ng	99
75) Fluoranthene	12.610	202	1290331	29.105	ng	98
78) Pyrene	12.839	202	889586	17.916	ng	100
81) Benzo(a)anthracene	14.039	228	165180	4.657	ng	100
83) Chrysene	14.074	228	160293	4.472	ng	98
85) Di-n-octyl phthalate	14.639	149	4230	5.727	ng	# 1
88) Benzo(b)fluoranthene	15.121	252	113758	4.398	ng	99
89) Benzo(k)fluoranthene	15.121	252	113758	4.095	ng	98

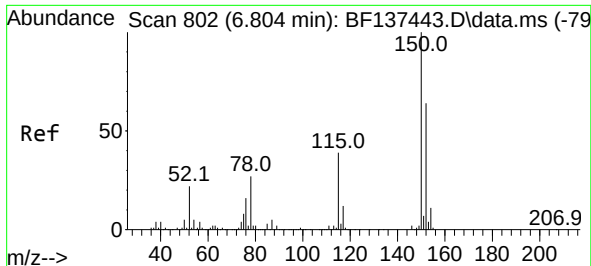
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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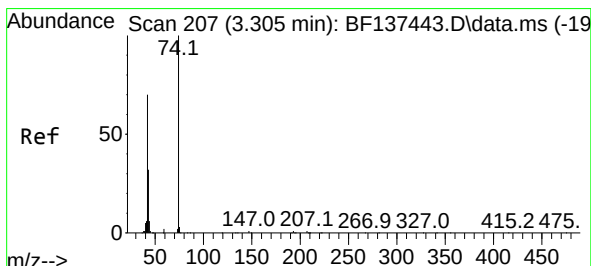
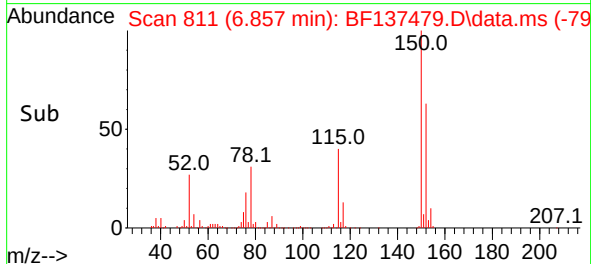
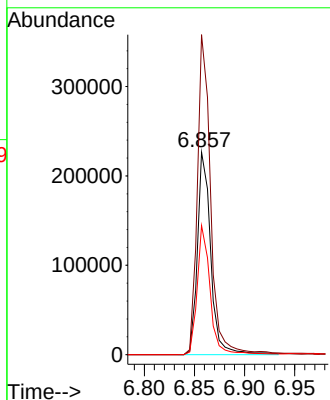
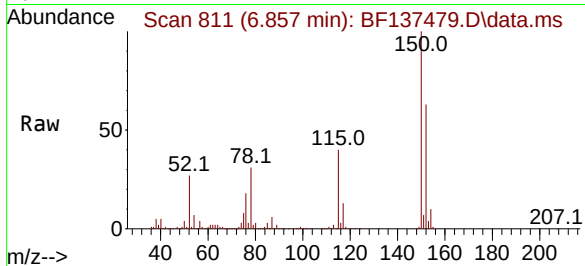




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

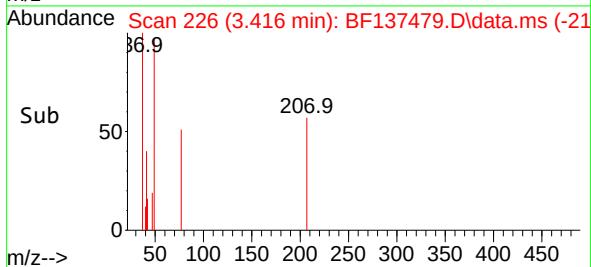
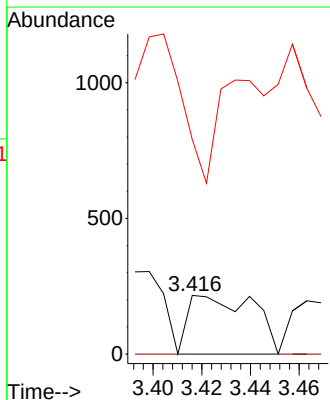
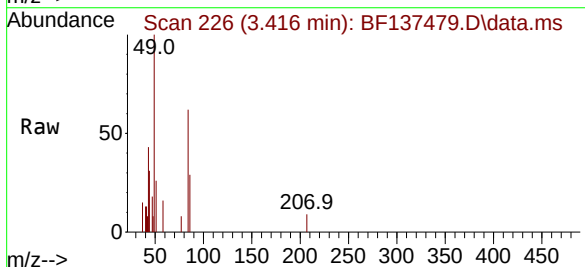
Instrument :
BNA_F
ClientSampleId :
ETGI-352

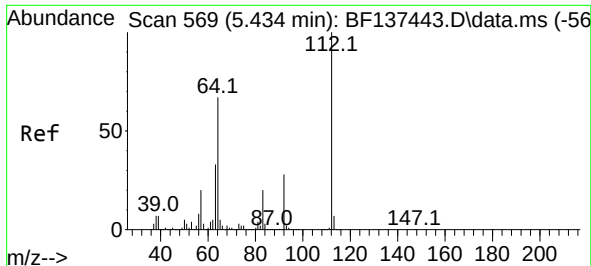
Tgt Ion:152 Resp: 210517
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 63.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.858 ng
RT: 3.416 min Scan# 226
Delta R.T. -0.029 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion: 42 Resp: 402
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 366.2 7.0 10.4#

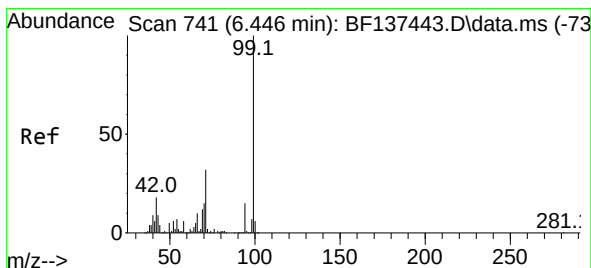
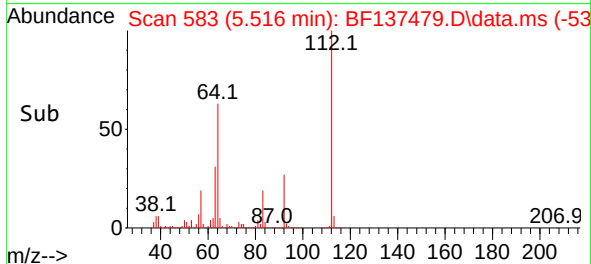
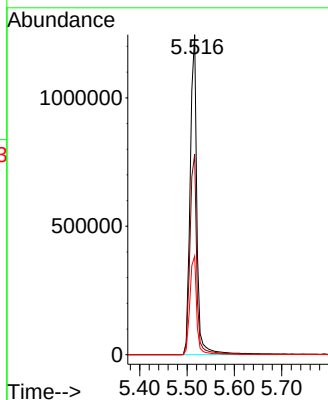
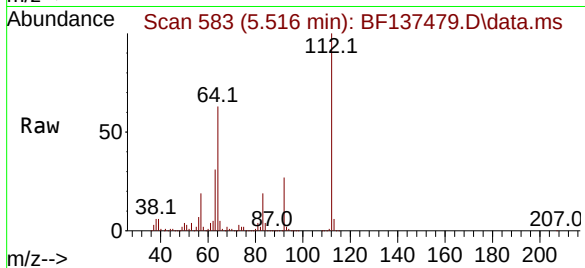




#5
2-Fluorophenol
Concen: 88.416 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

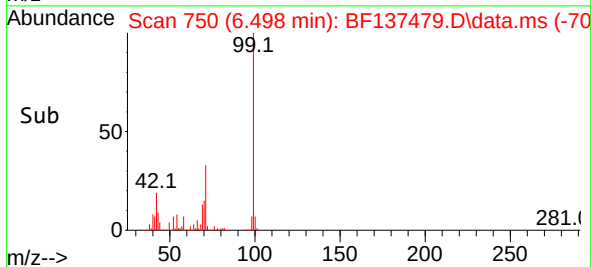
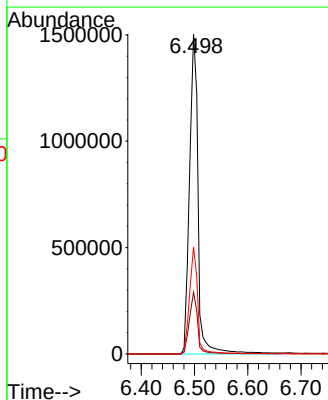
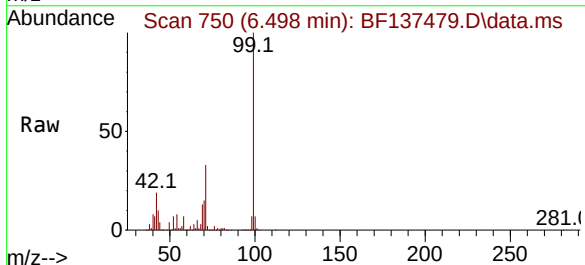
Instrument :
BNA_F
ClientSampleId :
ETGI-352

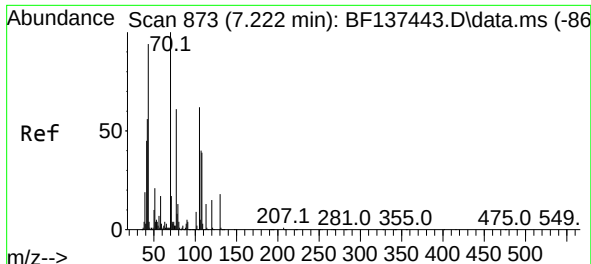
Tgt Ion:112 Resp: 1228962
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 30.9 26.2 39.2



#7
Phenol-d6
Concen: 84.157 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion: 99 Resp: 1688516
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 33.4 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 10.913 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.135 min

Lab File: BF137479.D

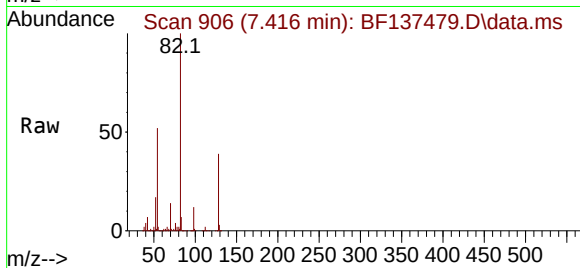
Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352



Tgt Ion: 70 Resp: 135203

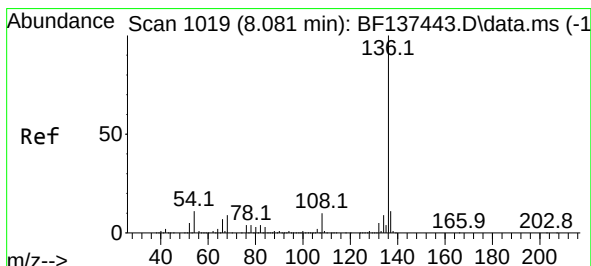
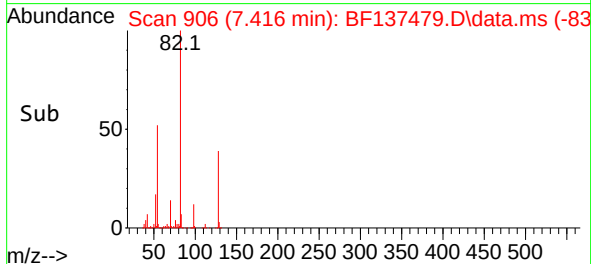
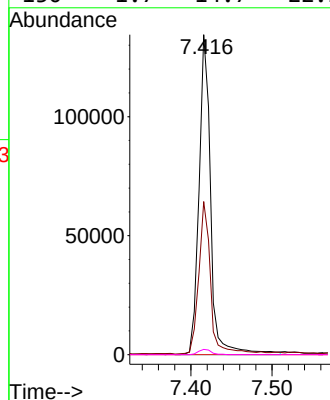
Ion Ratio Lower Upper

70 100

42 47.9 45.2 67.8

101 0.0 7.3 10.9#

130 1.7 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Tgt Ion:136 Resp: 836997

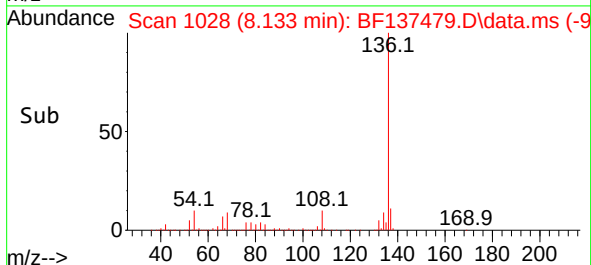
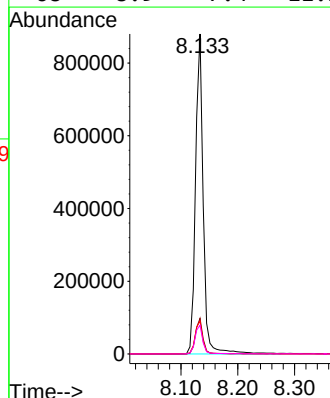
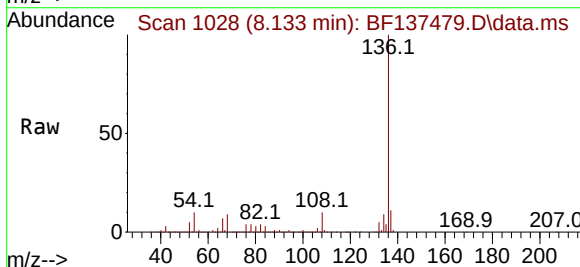
Ion Ratio Lower Upper

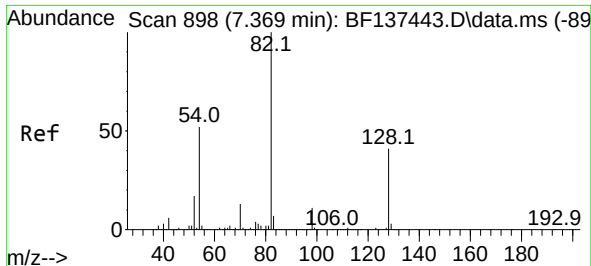
136 100

137 11.1 9.1 13.7

54 10.3 8.5 12.7

68 8.9 7.4 11.2

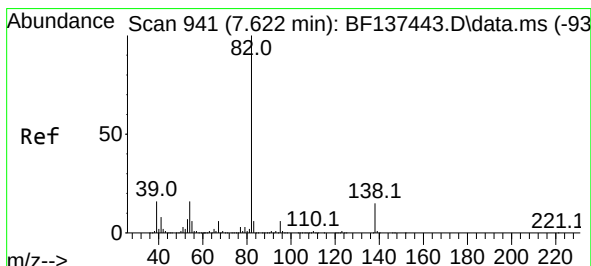
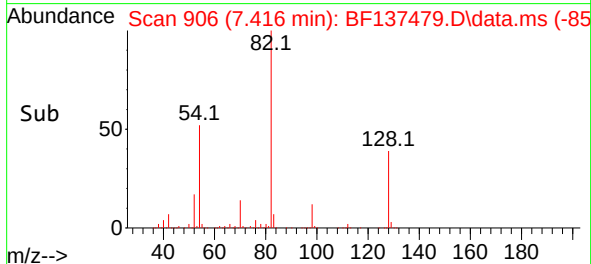
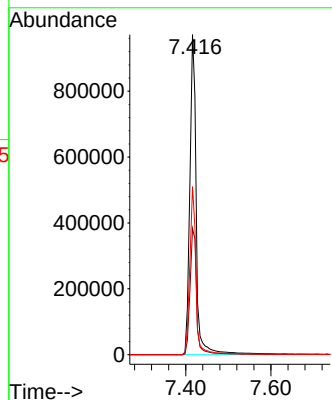
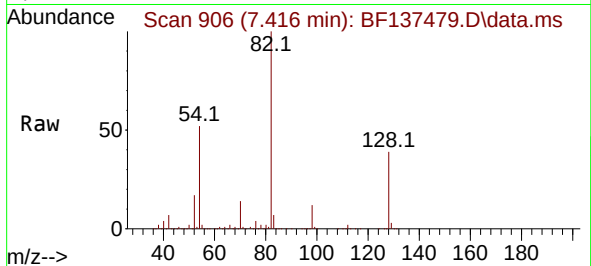




#23
Nitrobenzene-d5
Concen: 56.925 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

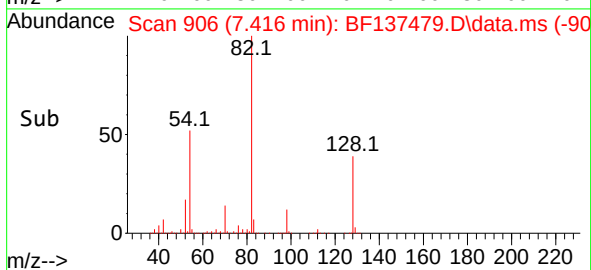
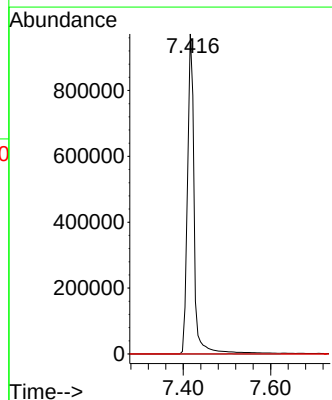
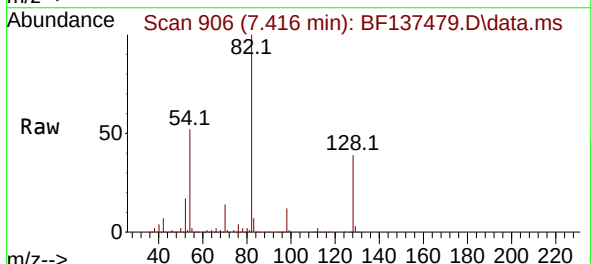
Instrument :
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ETGI-352

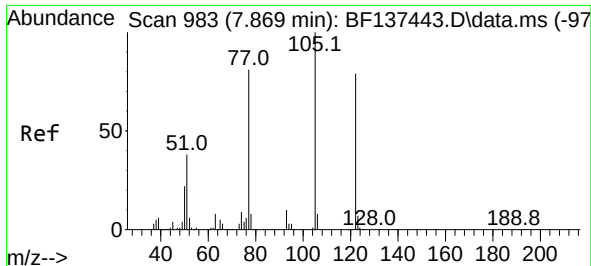
Tgt Ion: 82 Resp: 1025435
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 52.5 41.5 62.3



#25
Isophorone
Concen: 29.963 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion: 82 Resp: 1025429
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

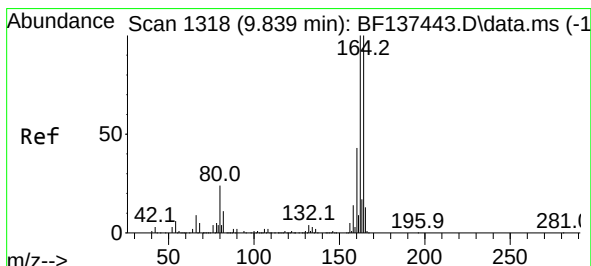
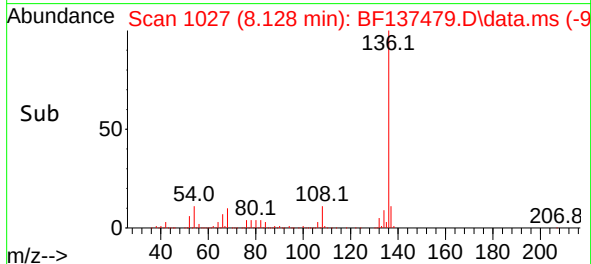
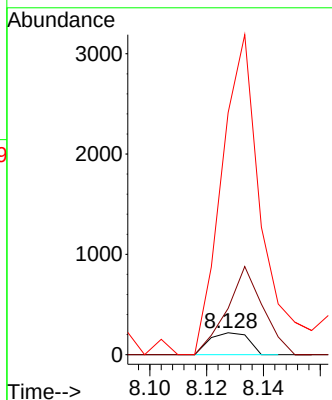
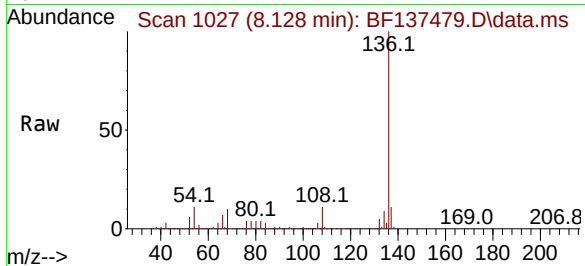




#32
Benzoic acid
Concen: 6.322 ng
RT: 8.128 min Scan# 10
Delta R.T. 0.200 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

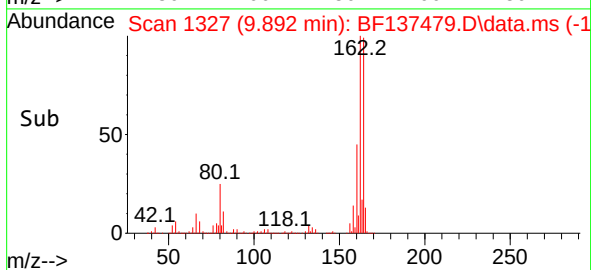
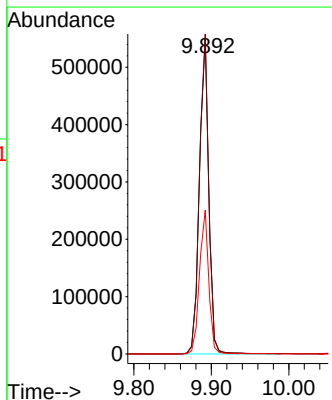
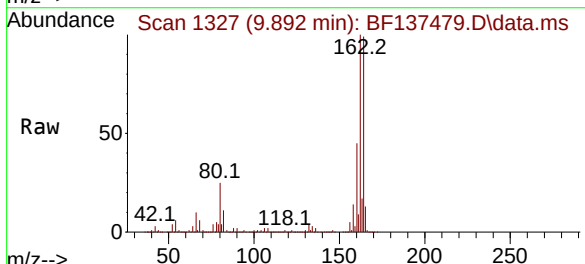
Instrument :
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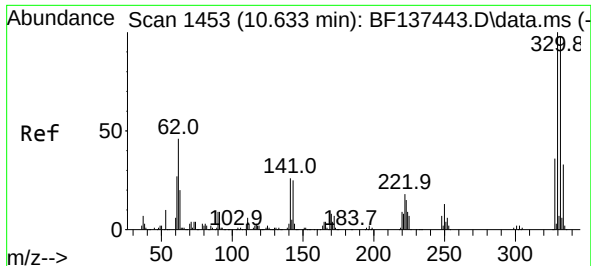
Tgt Ion:122 Resp: 207
Ion Ratio Lower Upper
122 100
105 211.5 102.4 142.4#
77 1106.4 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:164 Resp: 463879
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.8
160 45.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 89.630 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

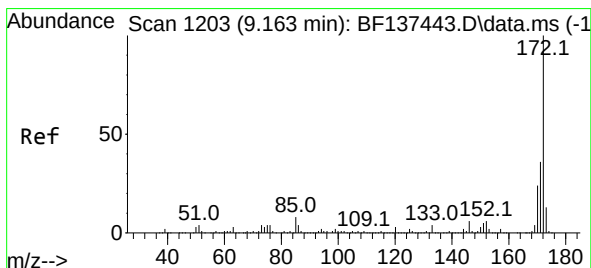
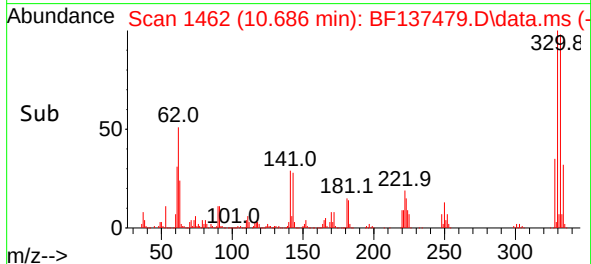
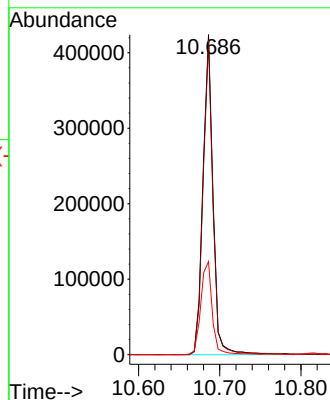
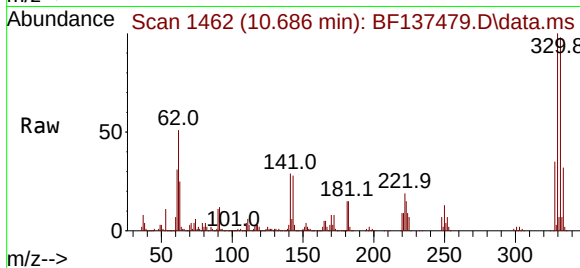
Tgt Ion:330 Resp: 365124

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 33.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 56.739 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

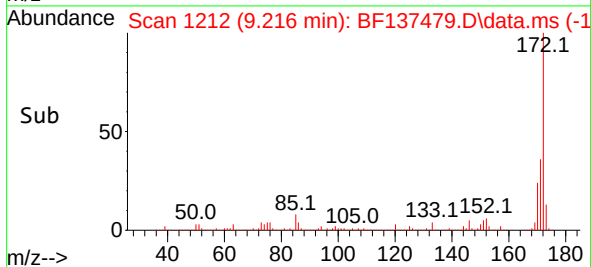
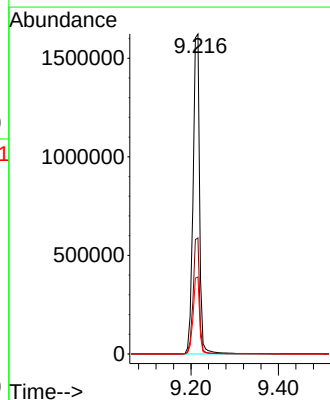
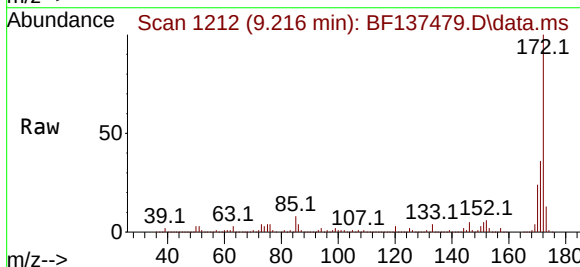
Tgt Ion:172 Resp: 1681398

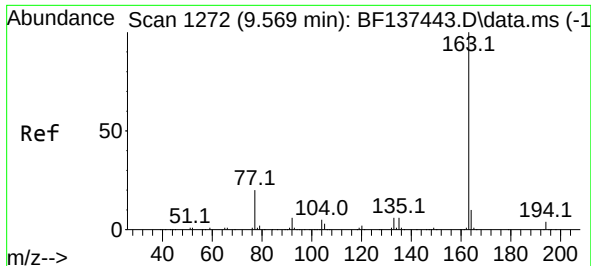
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.0 19.0 28.6

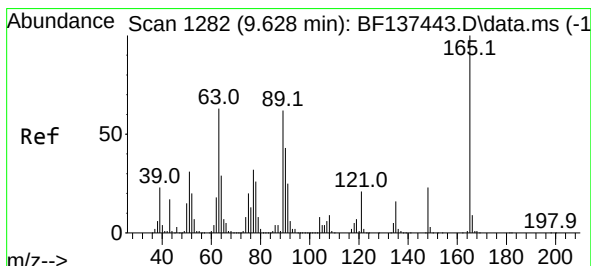
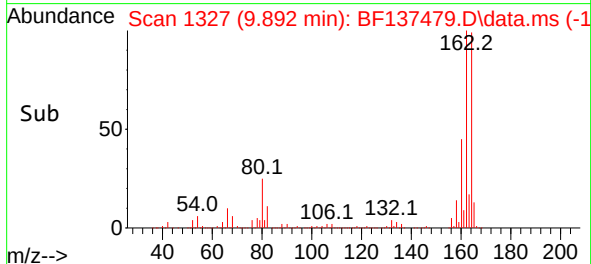
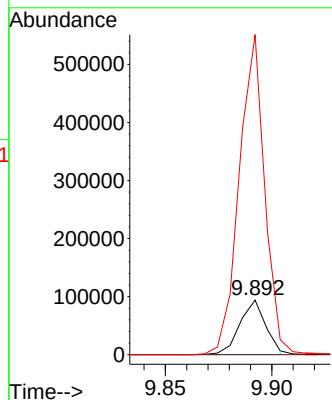
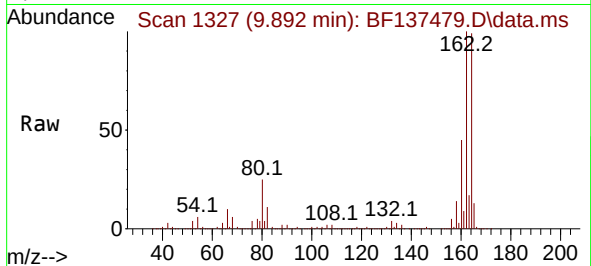




#50
Dimethylphthalate
Concen: 2.468 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

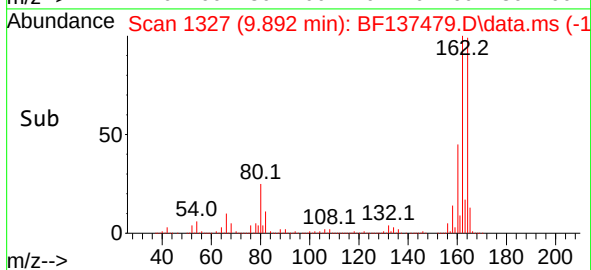
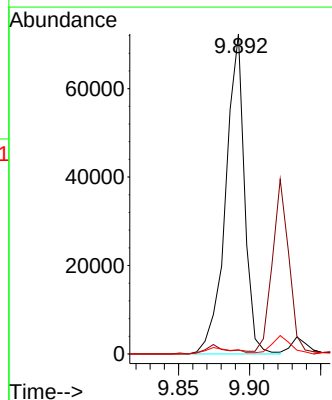
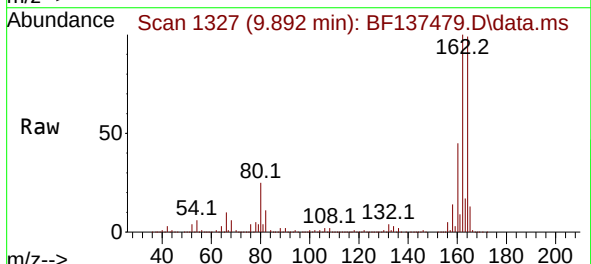
Instrument :
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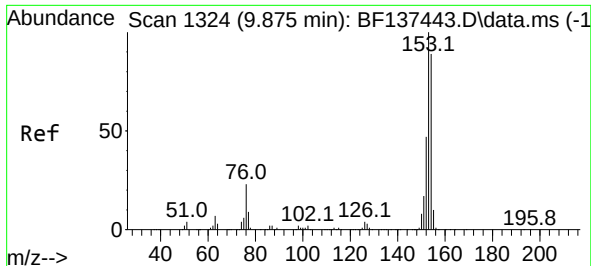
Tgt Ion:163 Resp: 79710
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 585.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.907 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:165 Resp: 66911
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.3 50.0 75.0#

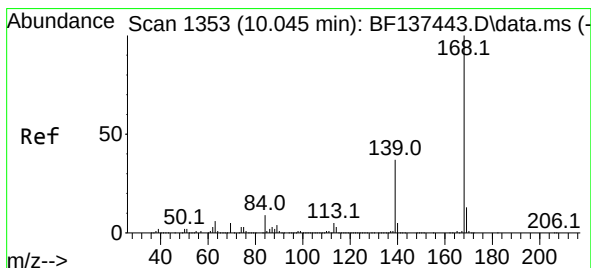
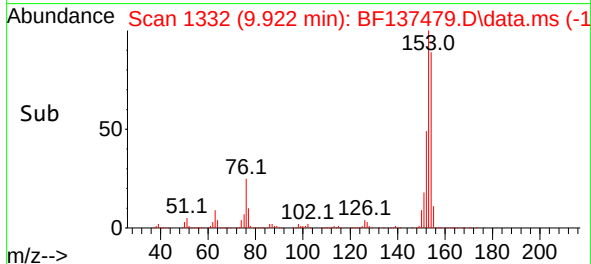
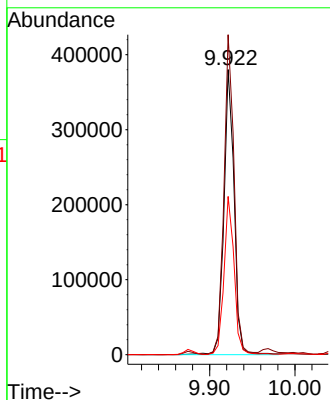
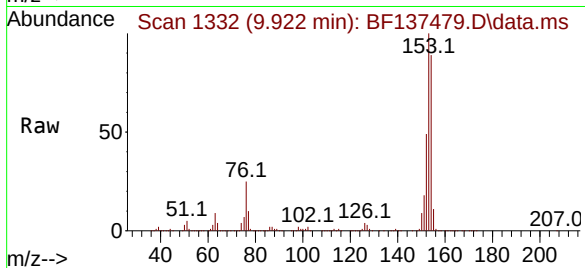




#52
Acenaphthene
Concen: 12.780 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

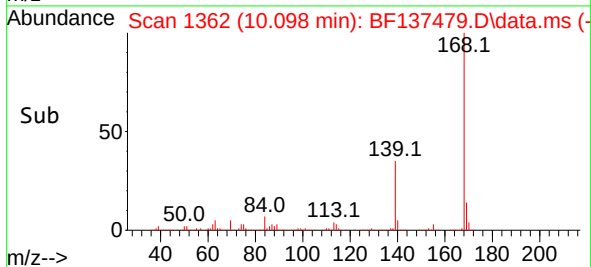
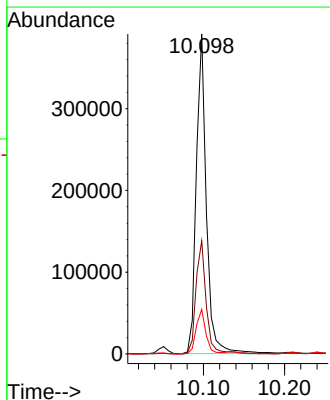
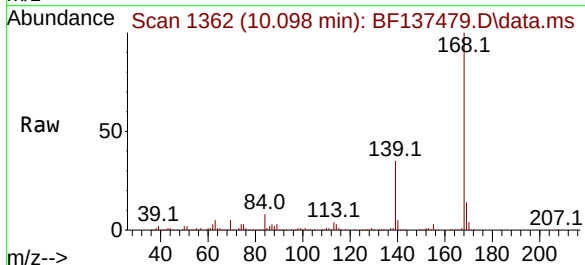
Instrument :
BNA_F
ClientSampleId :
ETGI-352

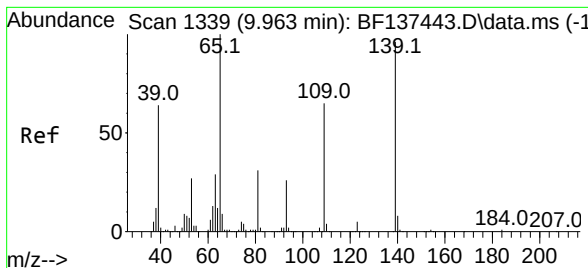
Tgt Ion:154 Resp: 316058
Ion Ratio Lower Upper
154 100
153 112.2 90.3 135.5
152 55.5 42.7 64.1



#55
Dibenzofuran
Concen: 9.011 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:168 Resp: 339440
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.6
169 13.9 10.8 16.2

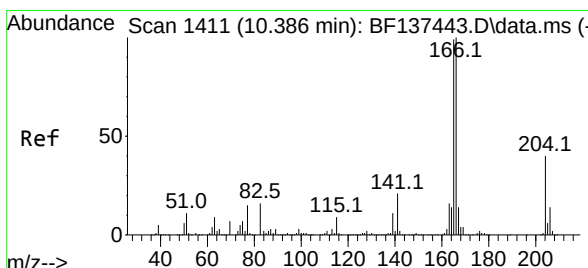
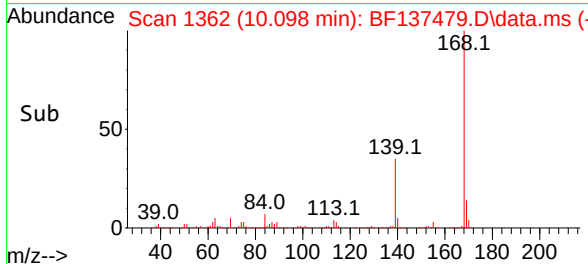
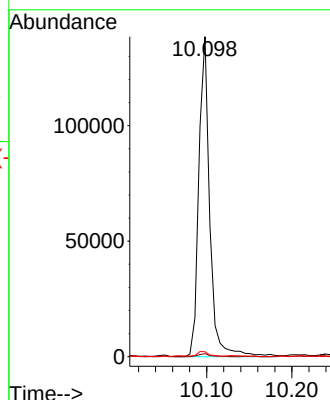
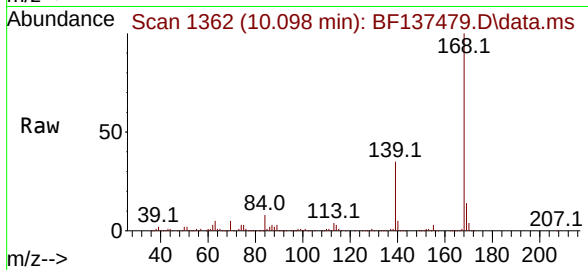




#56
4-Nitrophenol
Concen: 27.489 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

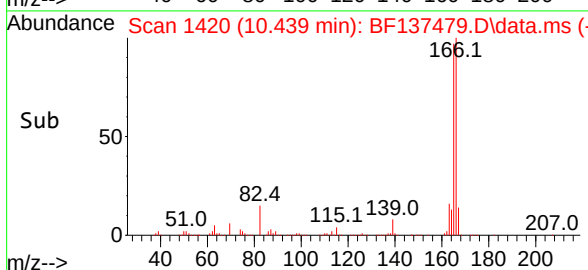
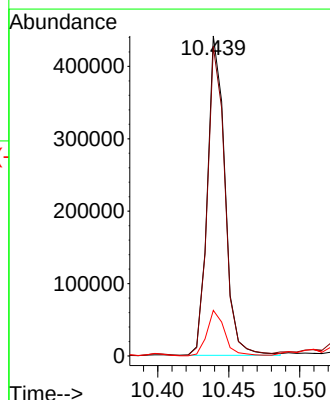
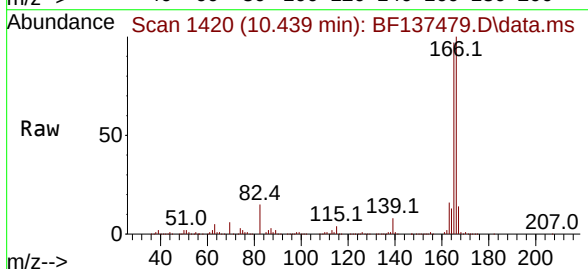
Instrument :
BNA_F
ClientSampleId :
ETGI-352

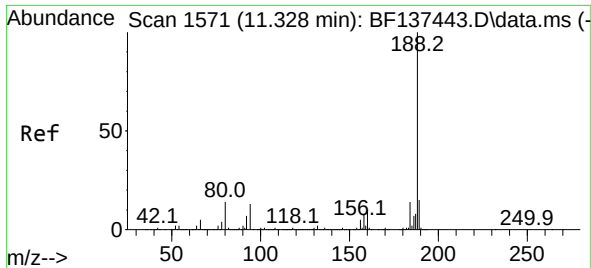
Tgt Ion:139 Resp: 123710
Ion Ratio Lower Upper
139 100
109 1.0 47.1 87.1#
65 1.6 85.1 125.1#



#58
Fluorene
Concen: 13.068 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:166 Resp: 378024
Ion Ratio Lower Upper
166 100
165 96.7 79.2 118.8
167 14.3 11.0 16.6

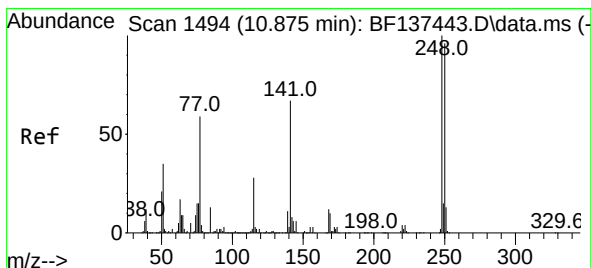
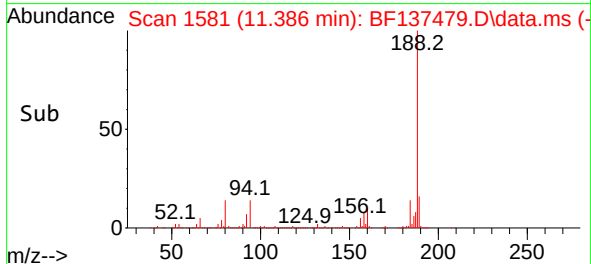
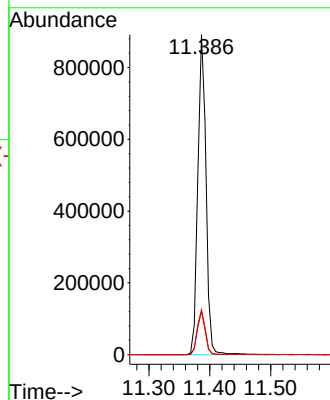
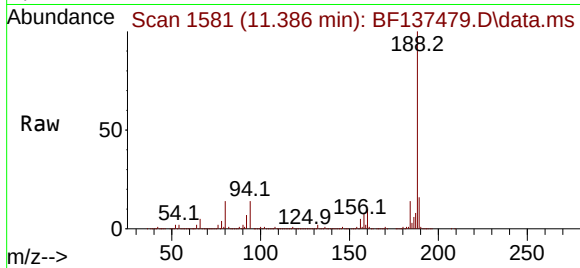




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

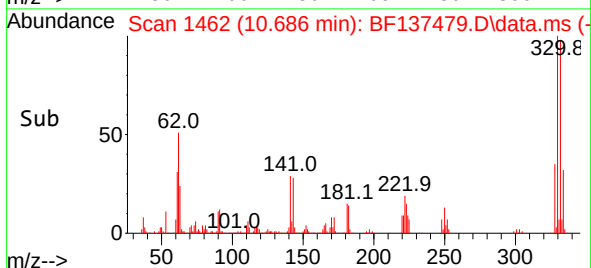
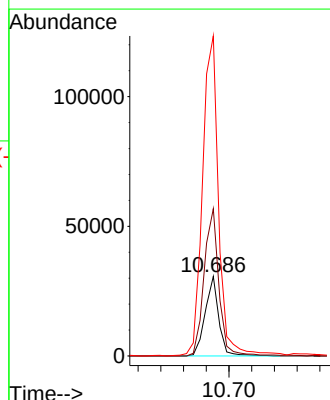
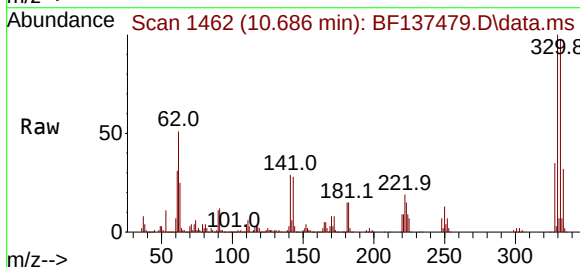
Instrument :
BNA_F
ClientSampleId :
ETGI-352

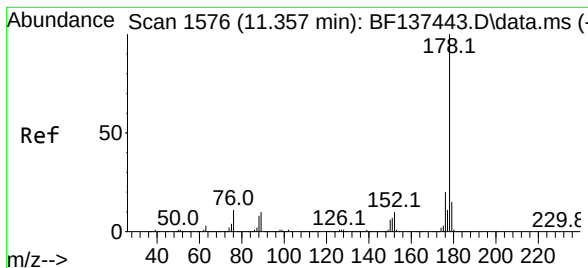
Tgt Ion:188 Resp: 833398
Ion Ratio Lower Upper
188 100
94 13.7 10.6 15.8
80 14.1 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.806 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:248 Resp: 25475
Ion Ratio Lower Upper
248 100
250 185.2 76.8 115.2#
141 402.6 53.4 80.0#





#71

Phenanthrene

Concen: 37.949 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

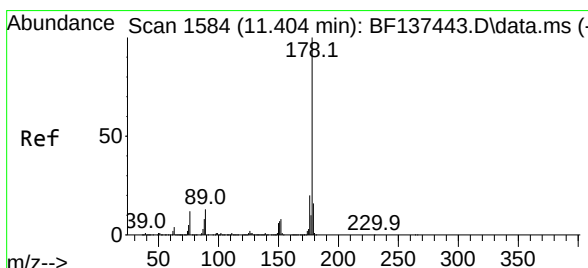
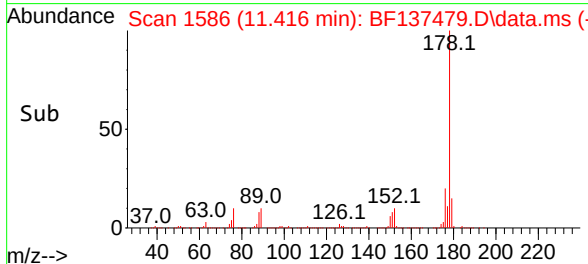
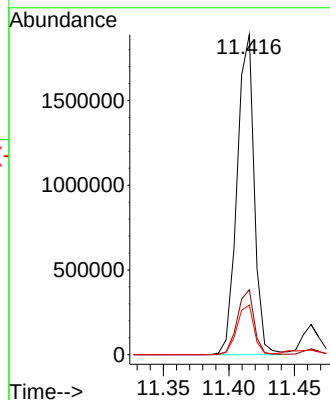
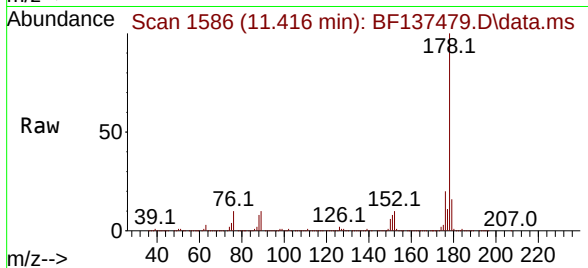
Tgt Ion:178 Resp: 1721195

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

179 15.5 12.2 18.2



#72

Anthracene

Concen: 4.073 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

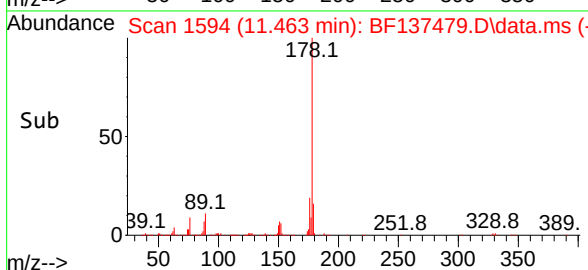
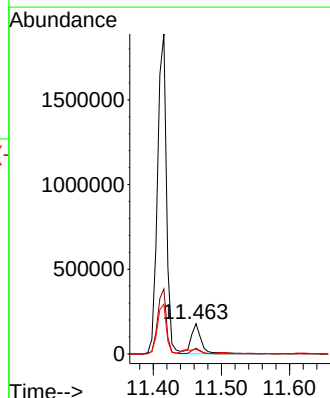
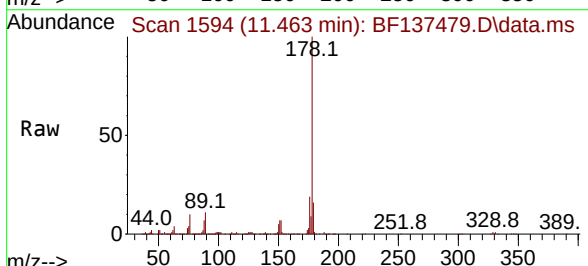
Tgt Ion:178 Resp: 189752

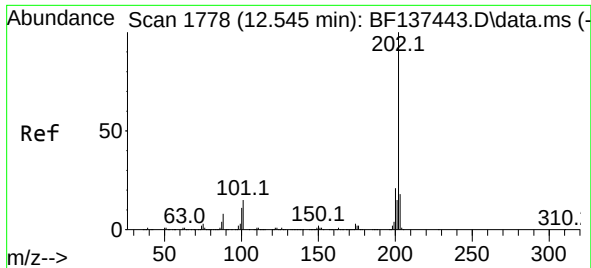
Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

179 15.8 12.7 19.1

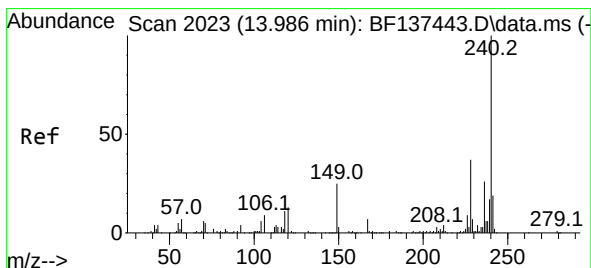
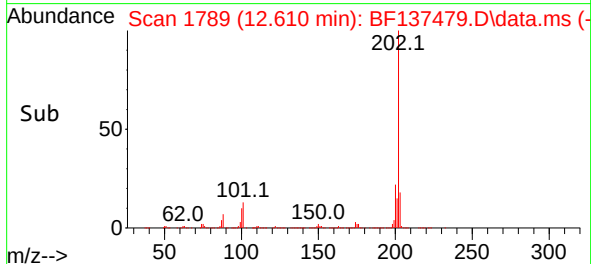
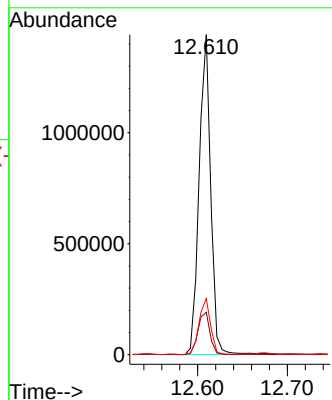
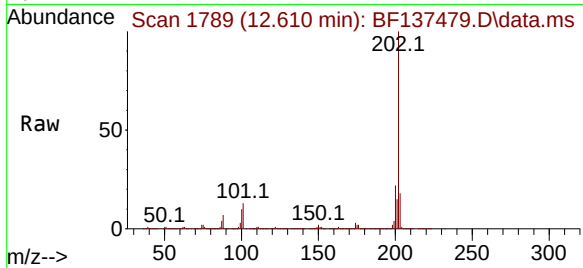




#75
Fluoranthene
Concen: 29.105 ng
RT: 12.610 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

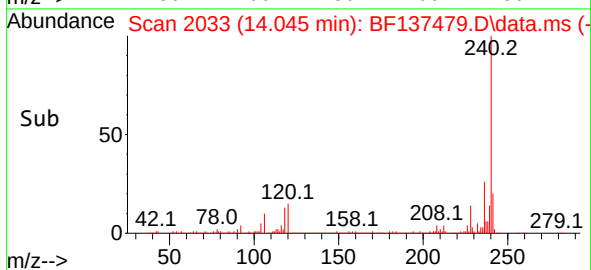
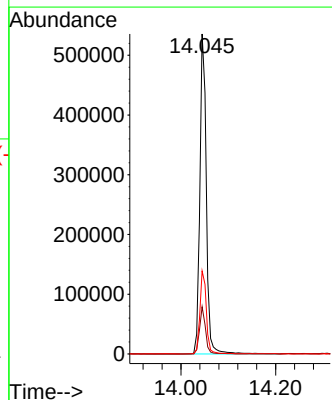
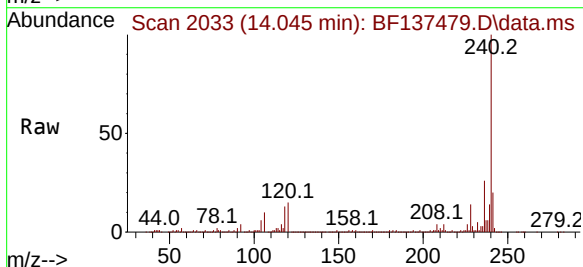
Instrument :
BNA_F
ClientSampleId :
ETGI-352

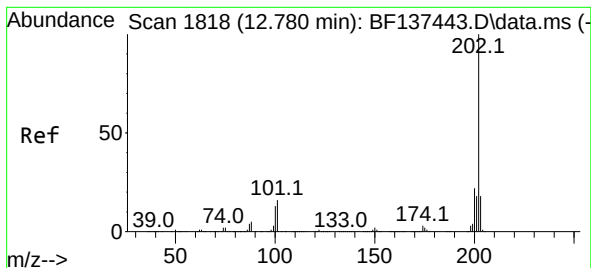
Tgt Ion:202 Resp: 1290331
Ion Ratio Lower Upper
202 100
101 13.2 0.0 35.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:240 Resp: 506032
Ion Ratio Lower Upper
240 100
120 14.7 10.4 15.6
236 25.9 20.9 31.3





#78

Pyrene

Concen: 17.916 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

Instrument :

BNA_F

ClientSampleId :

ETGI-352

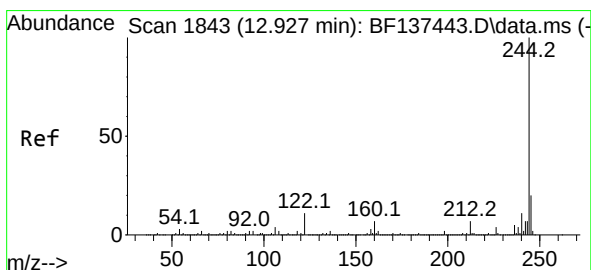
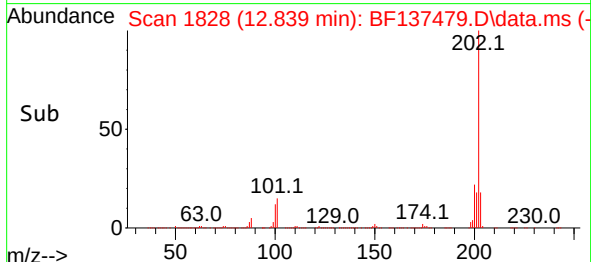
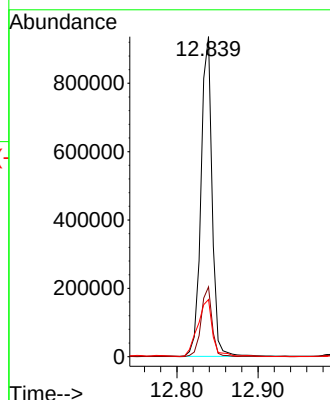
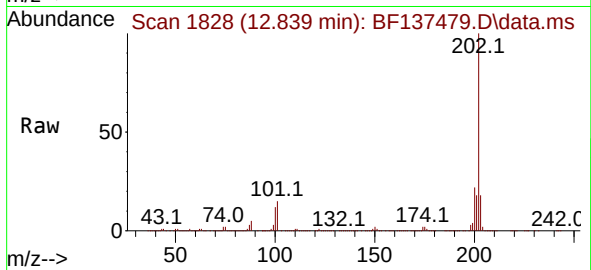
Tgt Ion:202 Resp: 889586

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.9 14.1 21.1



#79

Terphenyl-d14

Concen: 51.370 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF137479.D

Acq: 04 Mar 2024 14:20

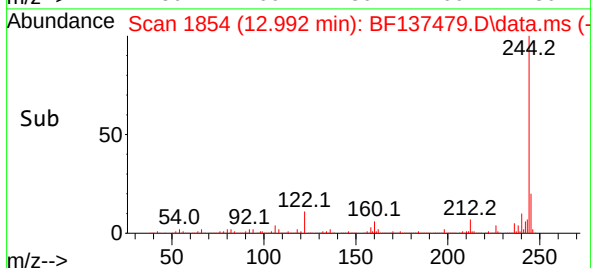
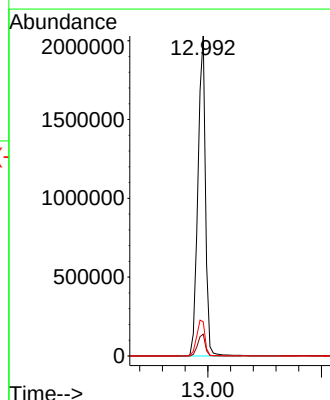
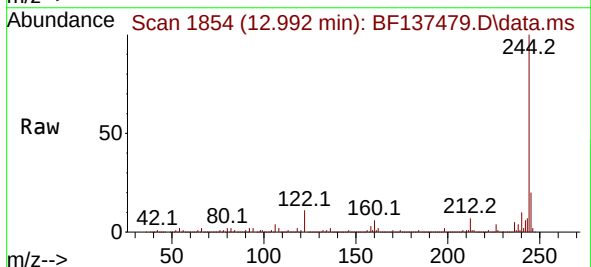
Tgt Ion:244 Resp: 1890401

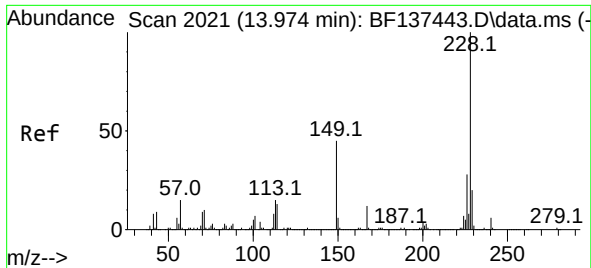
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.7 9.1 13.7

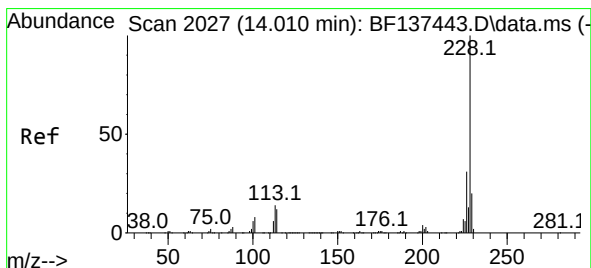
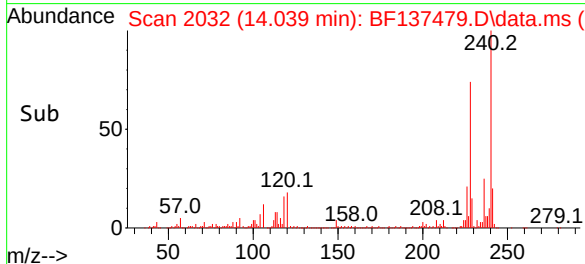
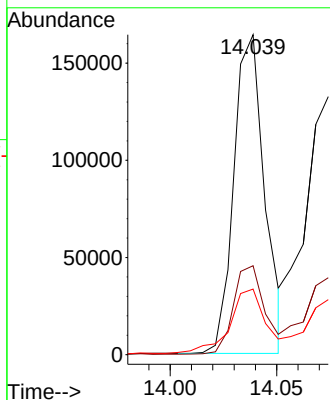
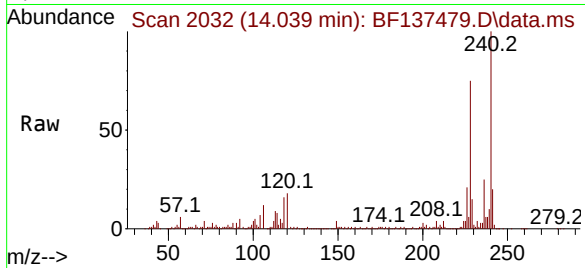




#81
Benzo(a)anthracene
Concen: 4.657 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

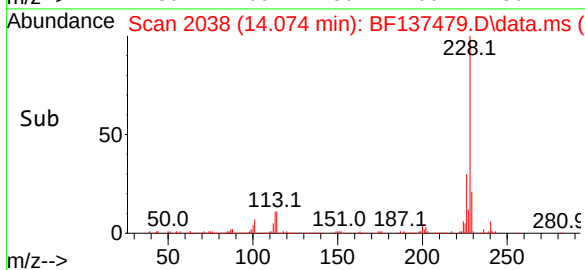
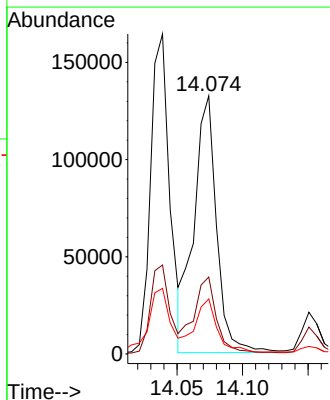
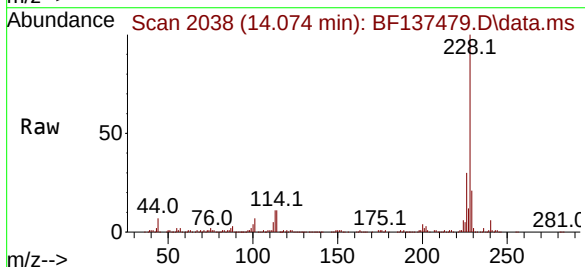
Instrument :
BNA_F
ClientSampleId :
ETGI-352

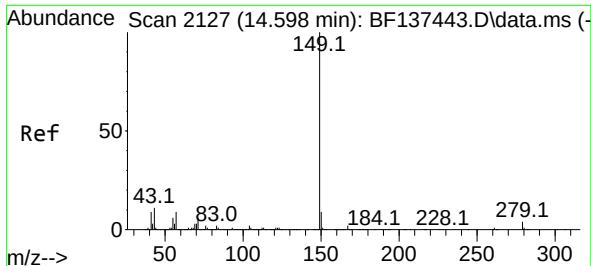
Tgt Ion:228 Resp: 165180
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.5 16.3 24.5



#83
Chrysene
Concen: 4.472 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:228 Resp: 160293
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.3 15.9 23.9

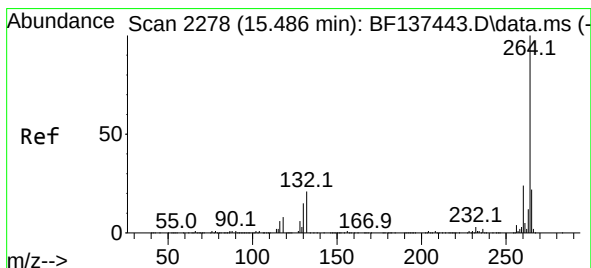
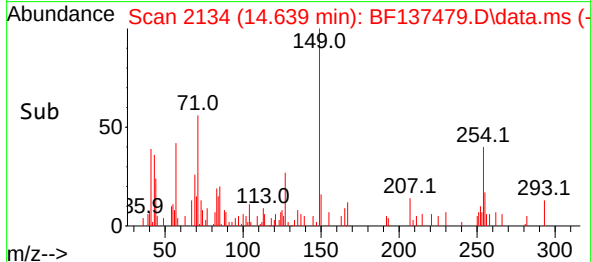
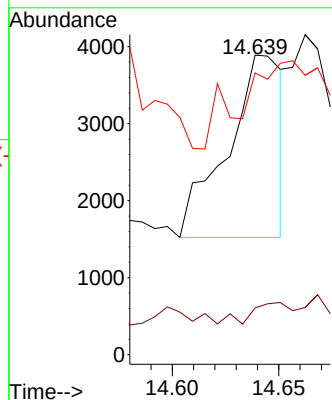
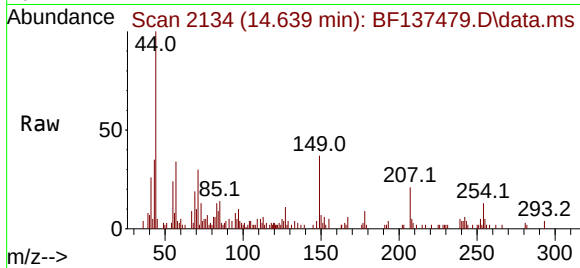




#85
Di-n-octyl phthalate
Concen: 5.727 ng
RT: 14.639 min Scan# 2127
Delta R.T. -0.024 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

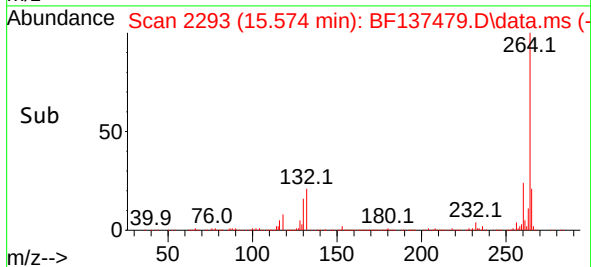
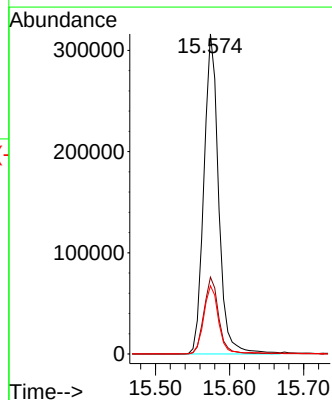
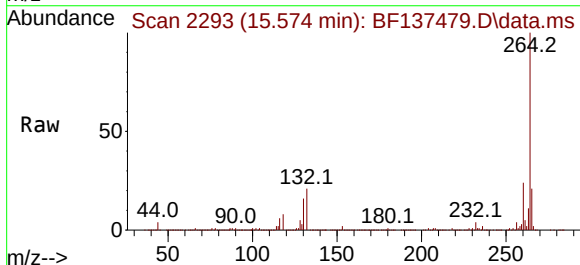
Instrument :
BNA_F
ClientSampleId :
ETGI-352

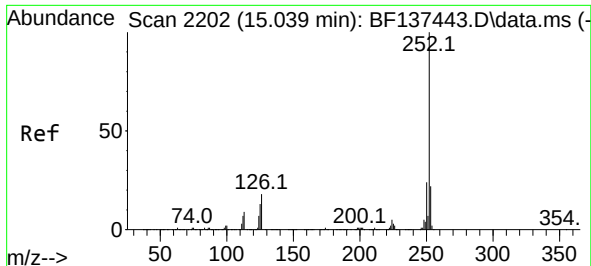
Tgt Ion:149 Resp: 4230
Ion Ratio Lower Upper
149 100
167 7.7 1.2 1.8#
43 79.6 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:264 Resp: 437242
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.3 17.4 26.0

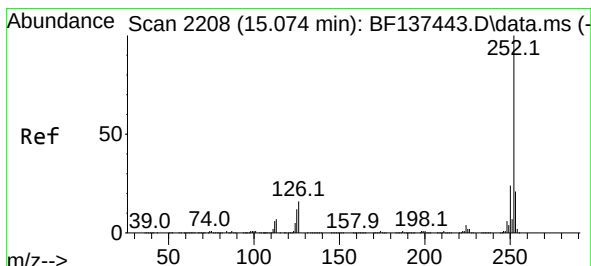
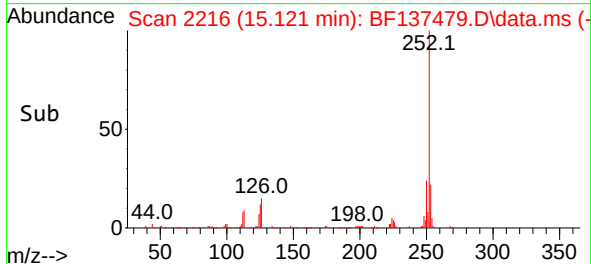
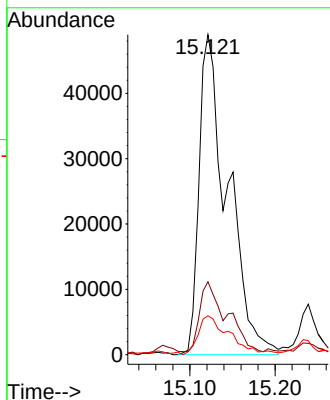
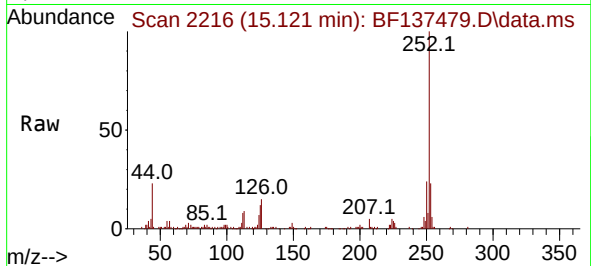




#88
Benzo(b)fluoranthene
Concen: 4.398 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Instrument :
BNA_F
ClientSampleId :
ETGI-352

Tgt Ion:252 Resp: 113758
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 12.2 10.1 15.1



#89
Benzo(k)fluoranthene
Concen: 4.095 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.029 min
Lab File: BF137479.D
Acq: 04 Mar 2024 14:20

Tgt Ion:252 Resp: 113758
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 12.2 9.6 14.4

