

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127160.D
 Acq On : 02 Mar 2022 21:31
 Operator : CG\JU
 Sample : N1717-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-359

Quant Time: Mar 03 00:58:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

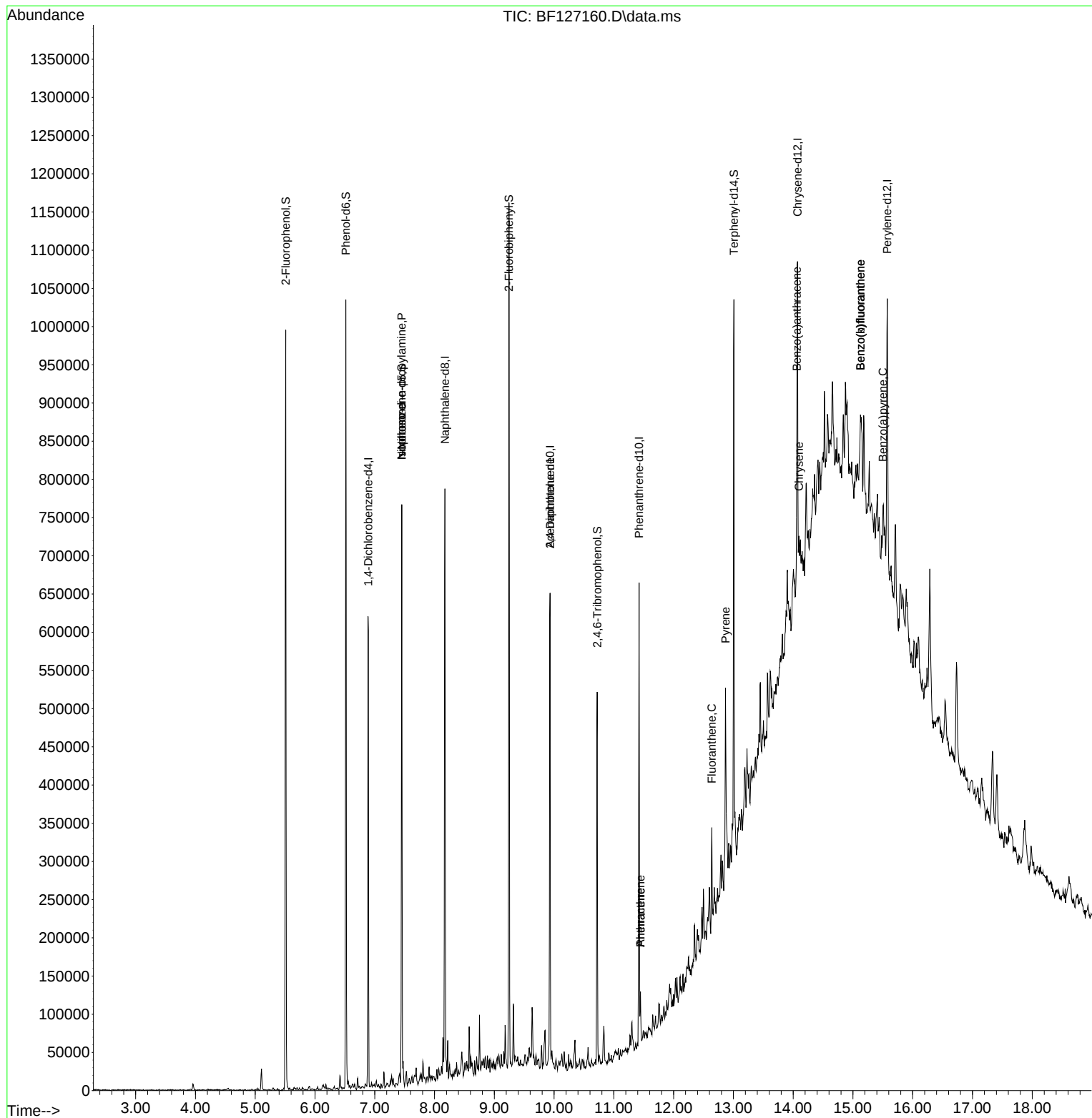
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86075	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	306457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	123950	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	186380	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	147865	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	102472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	228756	41.076	ng	0.00
7) Phenol-d6	6.516	99	284830	37.903	ng	0.00
23) Nitrobenzene-d5	7.451	82	201203	29.635	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	52908	37.073	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	284358	33.773	ng	0.00
79) Terphenyl-d14	13.010	244	234483	23.312	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	27765	5.734	ng	# 80
25) Isophorone	7.451	82	200157	17.816	ng	# 69
57) 2,4-Dinitrotoluene	9.933	165	16860	6.918	ng	# 16
71) Phenanthrene	11.445	178	21590	2.070	ng	98
72) Anthracene	11.445	178	21590	2.079	ng	99
75) Fluoranthene	12.639	202	44037	4.446	ng	91
78) Pyrene	12.868	202	48713	3.792	ng	97
81) Benzo(a)anthracene	14.063	228	21560	2.163	ng	# 67
83) Chrysene	14.098	228	24597	2.624	ng	# 81
88) Benzo(b)fluoranthene	15.127	252	29850	4.337	ng	# 39
89) Benzo(k)fluoranthene	15.127	252	29850	4.497	ng	# 37
90) Benzo(a)pyrene	15.504	252	16872	3.138	ng	# 60

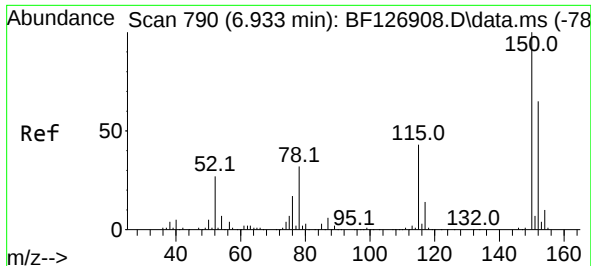
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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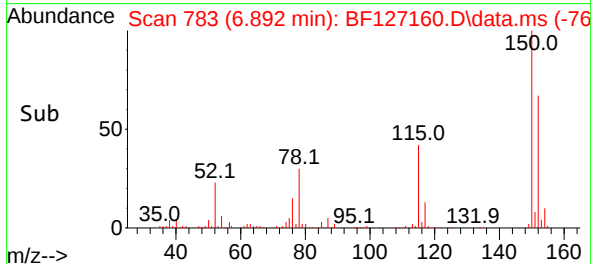
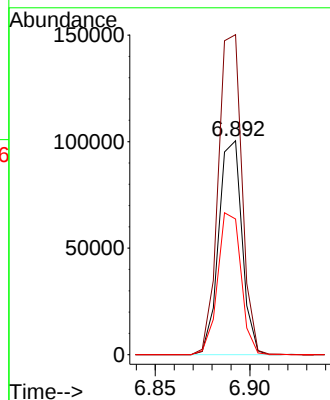
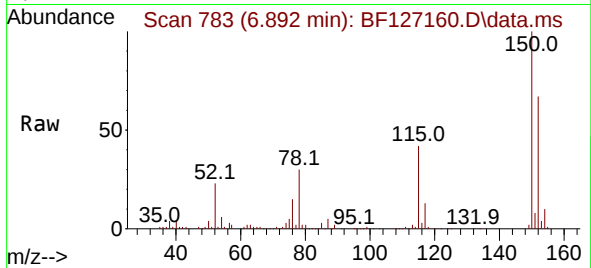




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

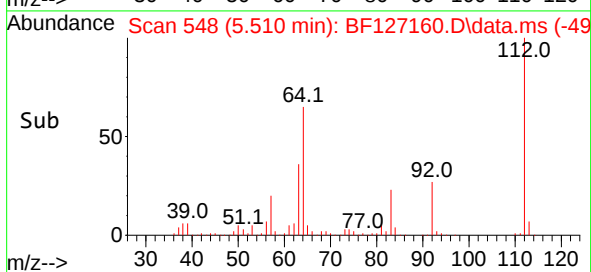
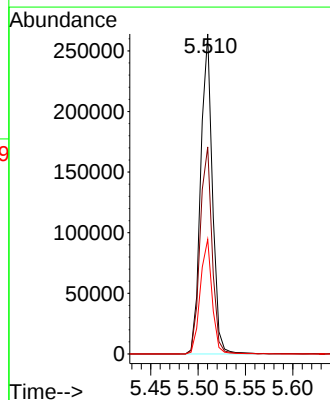
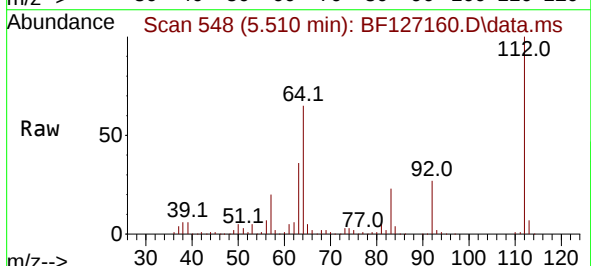
Instrument :
BNA_F
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ETGI-359

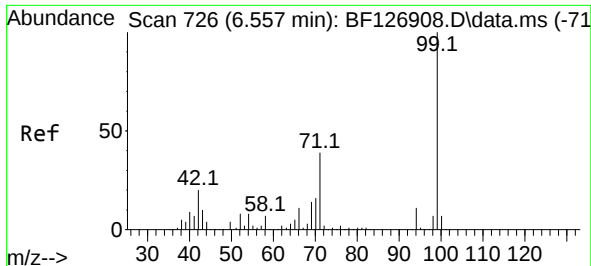
Tgt Ion:152 Resp: 86075
Ion Ratio Lower Upper
152 100
150 149.6 128.1 192.1
115 63.5 56.7 85.1



#5
2-Fluorophenol
Concen: 41.076 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:112 Resp: 228756
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 35.8 23.9 35.9

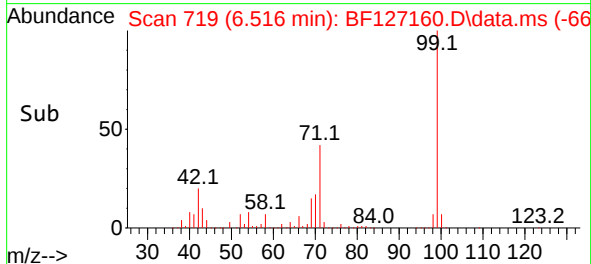
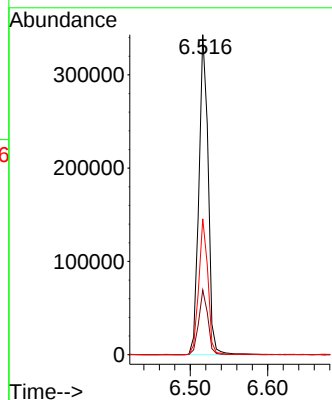
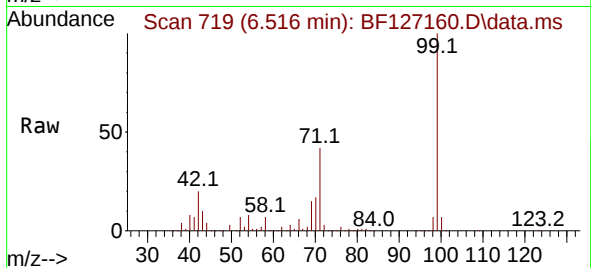




#7
Phenol-d6
Concen: 37.903 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

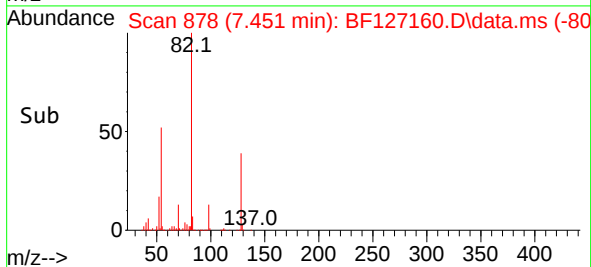
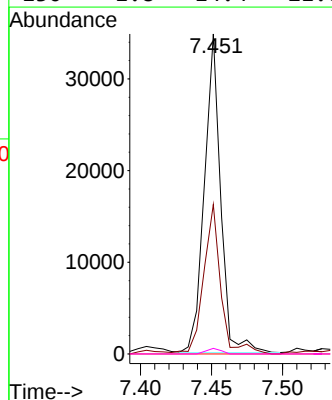
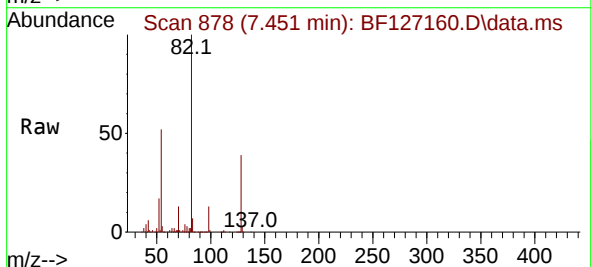
Instrument :
BNA_F
ClientSampleId :
ETGI-359

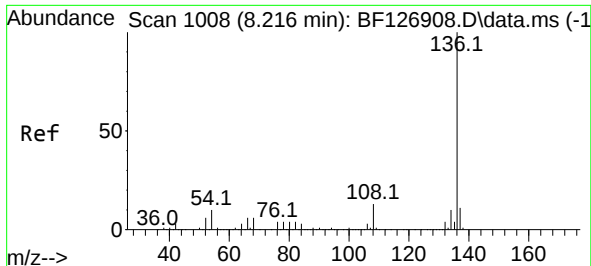
Tgt Ion: 99 Resp: 284830
Ion Ratio Lower Upper
99 100
42 20.2 14.2 21.4
71 42.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 5.734 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion: 70 Resp: 27765
Ion Ratio Lower Upper
70 100
42 46.7 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

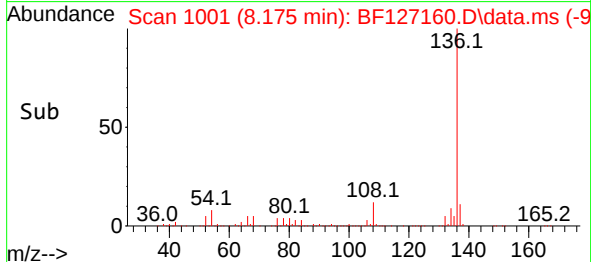
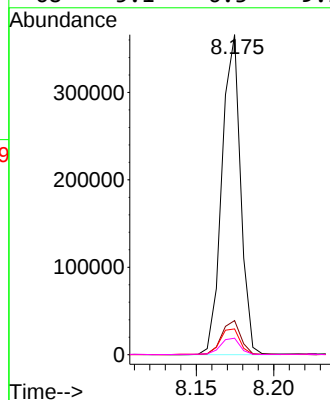
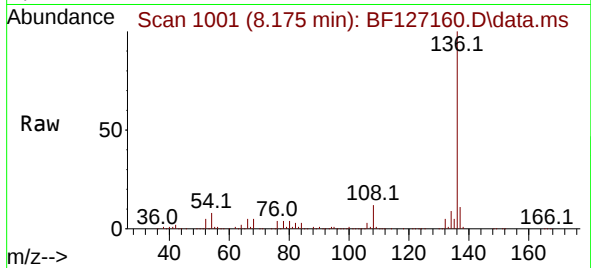




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

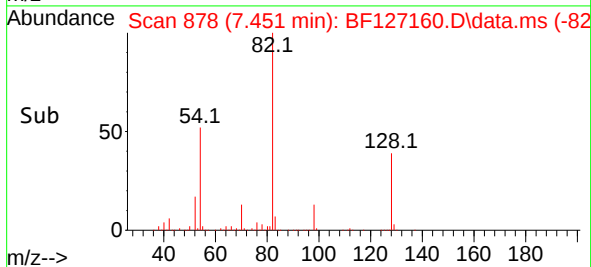
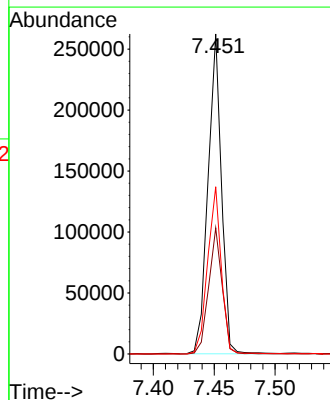
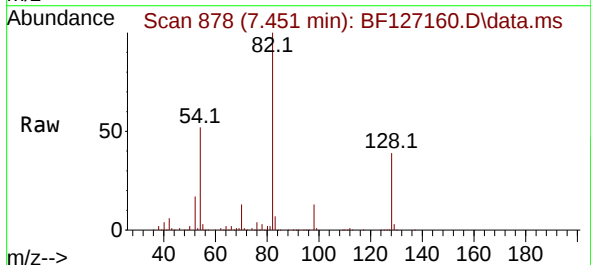
Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion:136 Resp: 306457
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 7.8 11.6
68 5.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 29.635 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion: 82 Resp: 201203
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 52.3 41.7 62.5

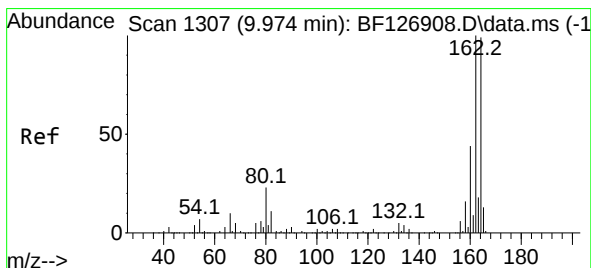
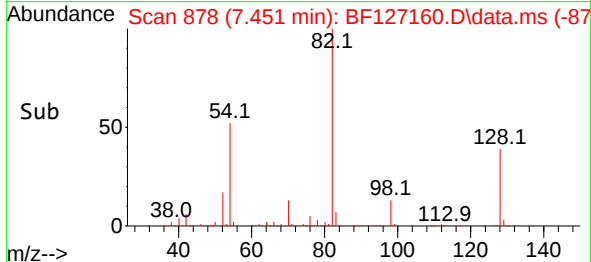
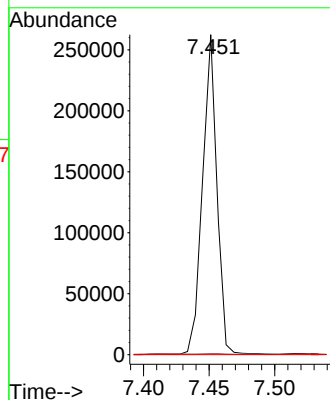
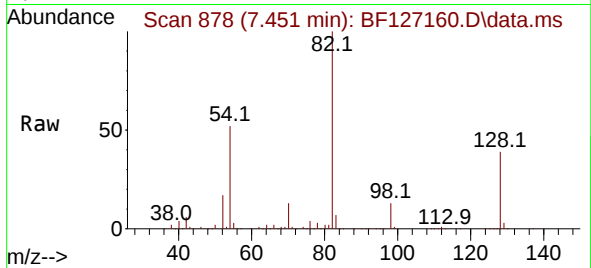




#25
Isophorone
Concen: 17.816 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

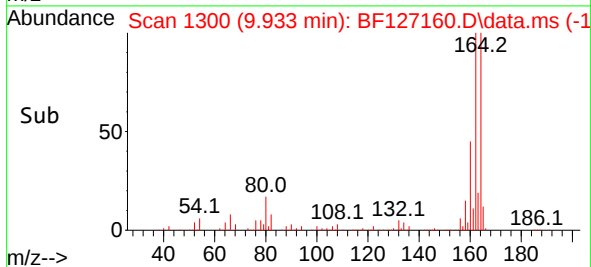
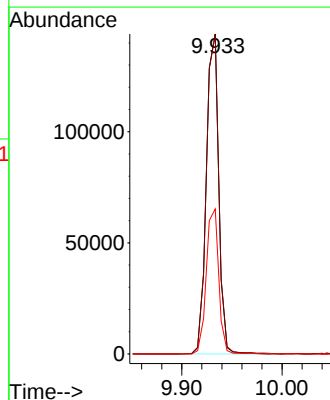
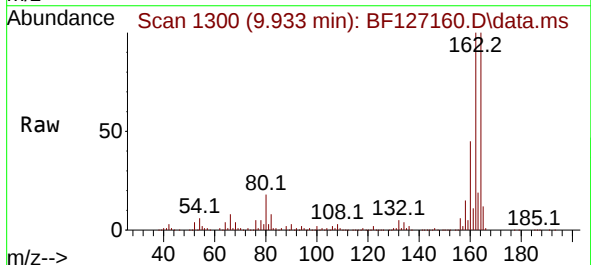
Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion: 82 Resp: 200157
Ion Ratio Lower Upper
82 100
95 0.3 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:164 Resp: 123950
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 45.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 37.073 ng

RT: 10.722 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127160.D

Acq: 02 Mar 2022 21:31

Instrument :

BNA_F

ClientSampleId :

ETGI-359

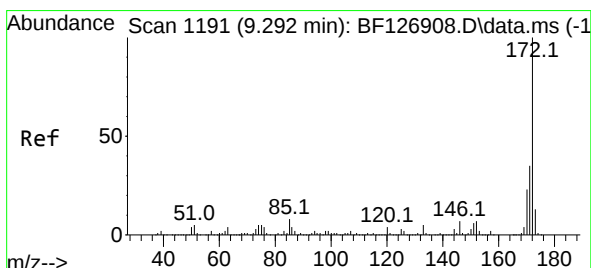
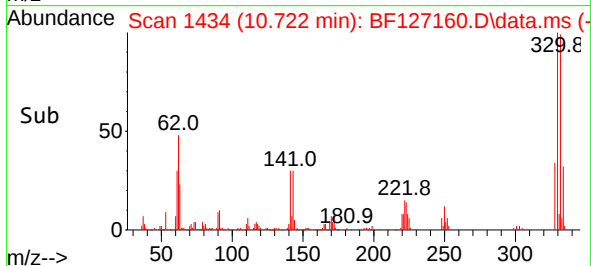
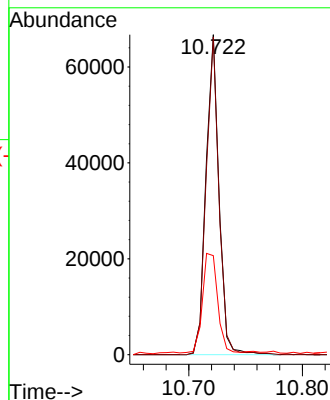
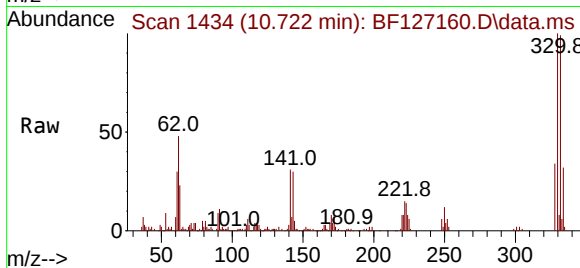
Tgt Ion:330 Resp: 52908

Ion Ratio Lower Upper

330 100

332 98.1 76.0 114.0

141 36.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 33.773 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF127160.D

Acq: 02 Mar 2022 21:31

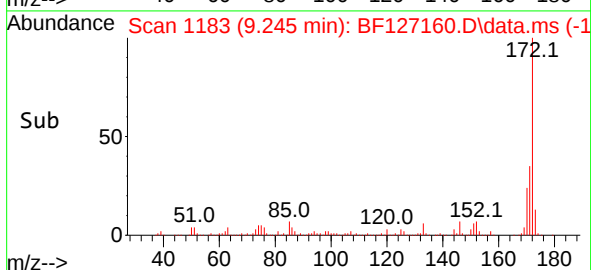
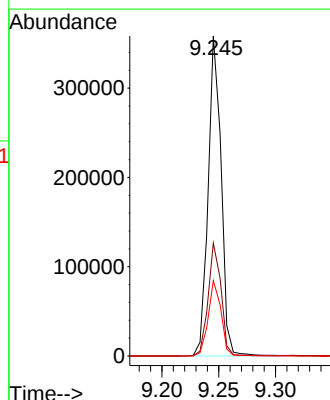
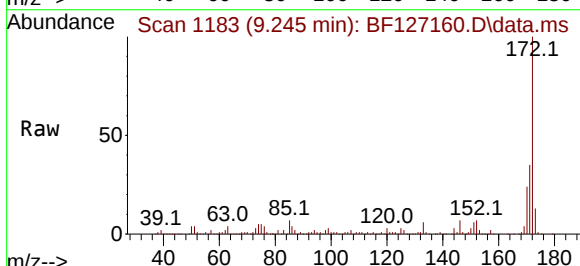
Tgt Ion:172 Resp: 284358

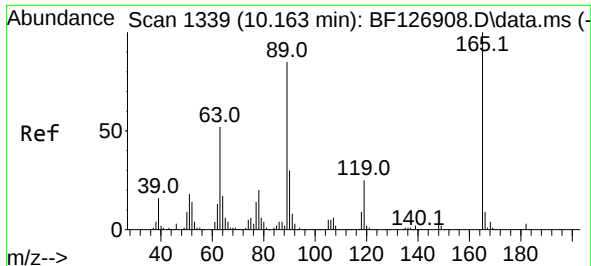
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.0 28.6

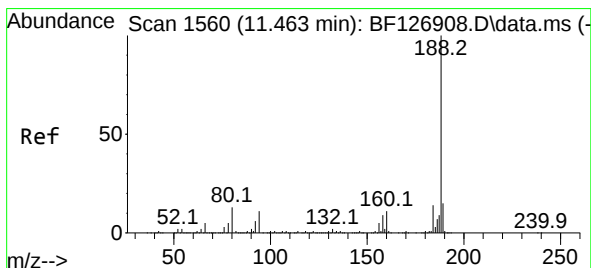
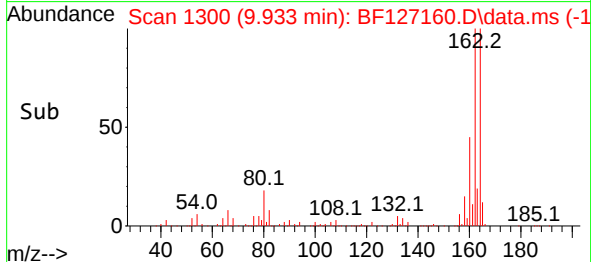
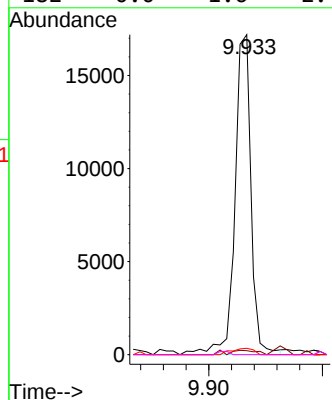
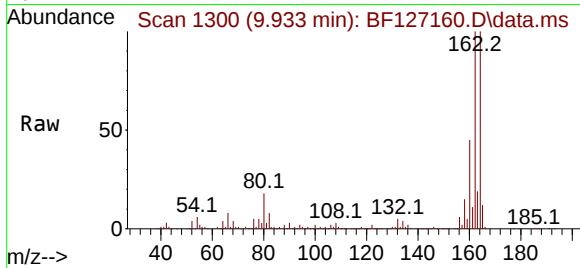




#57
2,4-Dinitrotoluene
Concen: 6.918 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

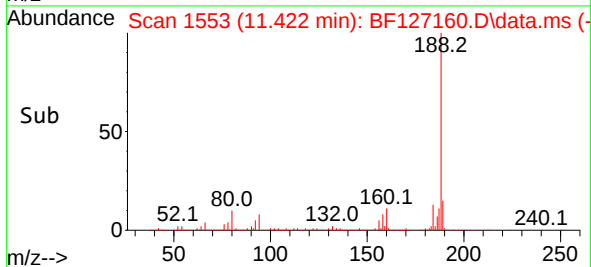
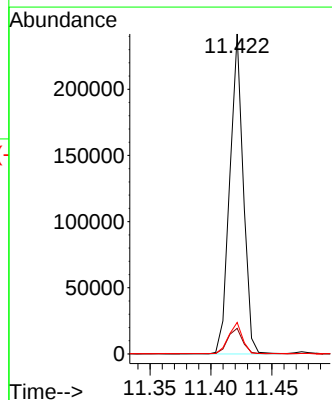
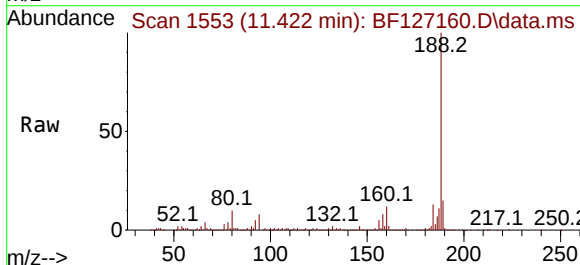
Instrument :
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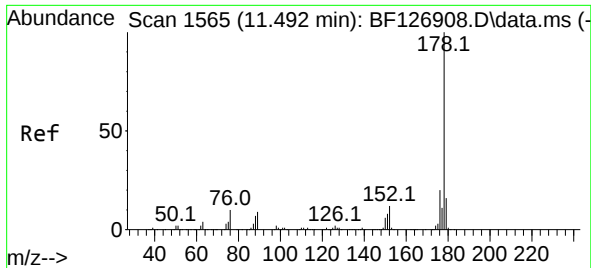
Tgt Ion:165 Resp: 16860
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:188 Resp: 186380
Ion Ratio Lower Upper
188 100
94 8.0 10.1 15.1#
80 9.9 11.8 17.6#

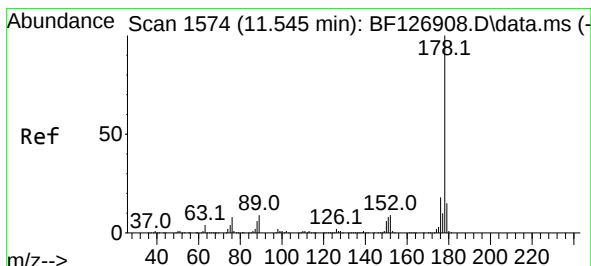
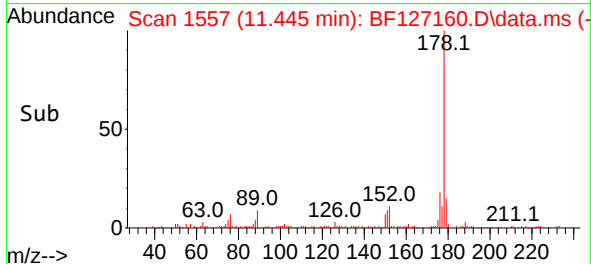
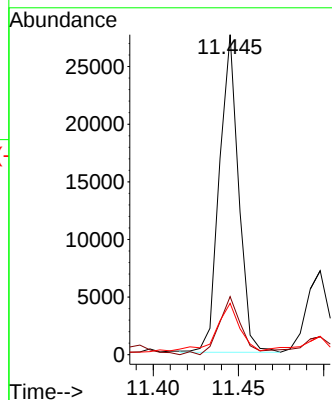
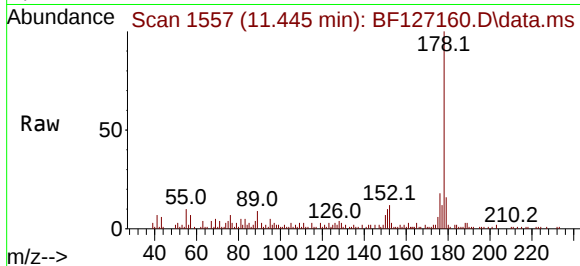




#71
Phenanthrene
Concen: 2.070 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

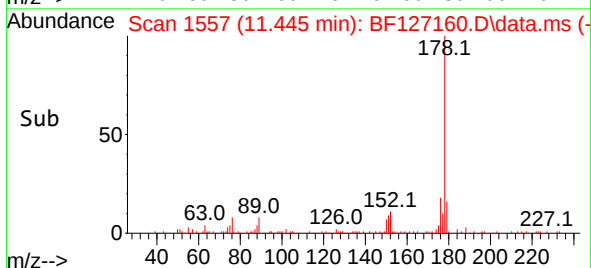
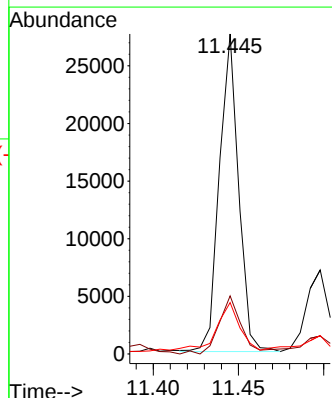
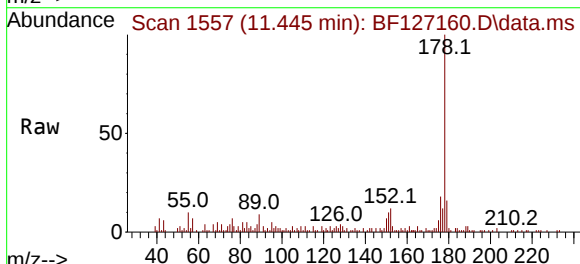
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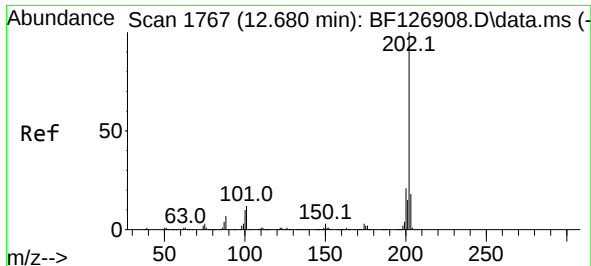
Tgt Ion:178 Resp: 21590
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 16.0 12.3 18.5



#72
Anthracene
Concen: 2.079 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.059 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:178 Resp: 21590
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 16.0 12.5 18.7

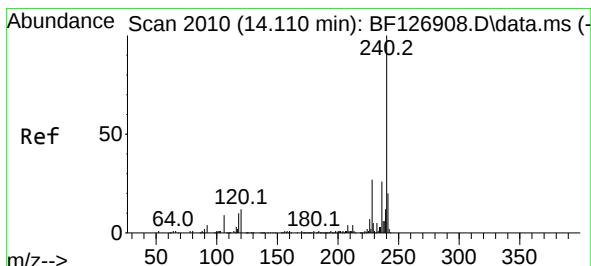
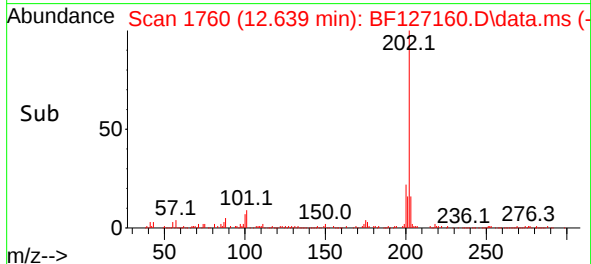
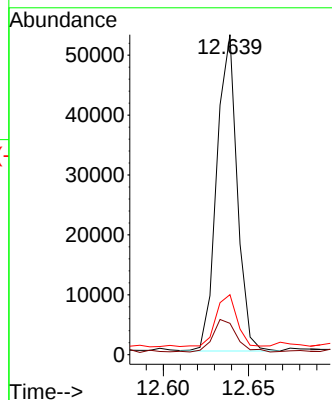
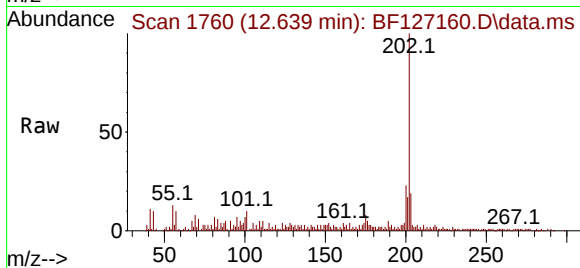




#75
Fluoranthene
Concen: 4.446 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

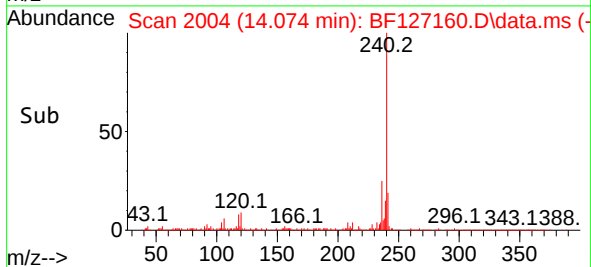
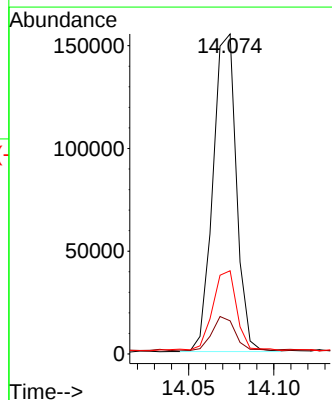
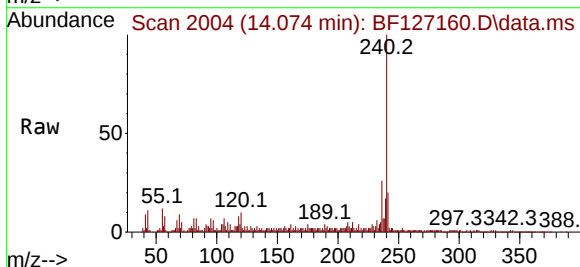
Instrument :
BNA_F
ClientSampleId :
ETGI-359

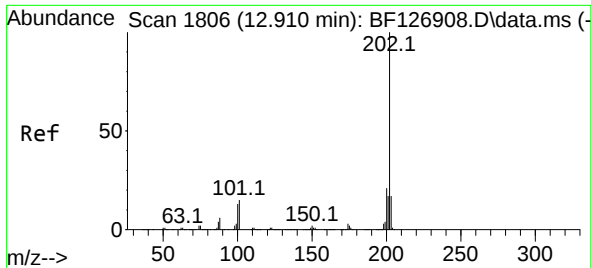
Tgt Ion:202 Resp: 44037
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 18.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:240 Resp: 147865
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 26.0 20.5 30.7

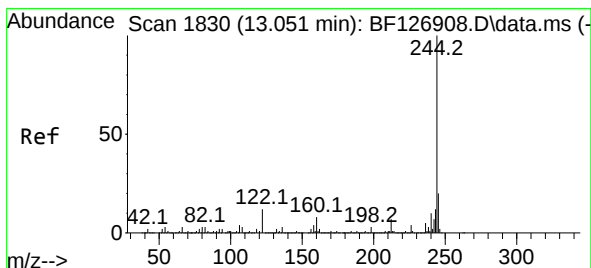
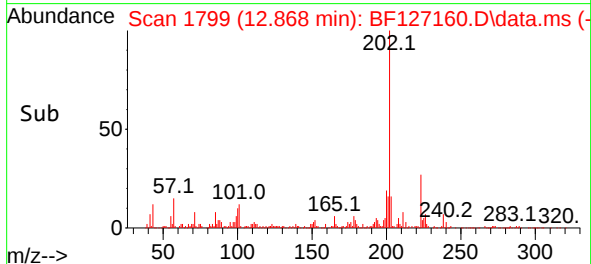
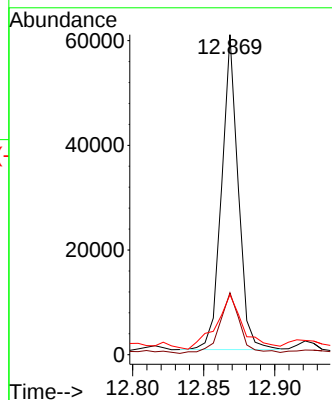
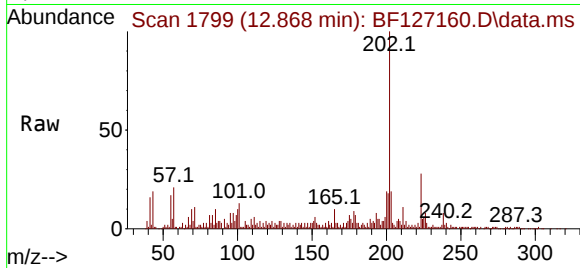




#78
Pyrene
Concen: 3.792 ng
RT: 12.868 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

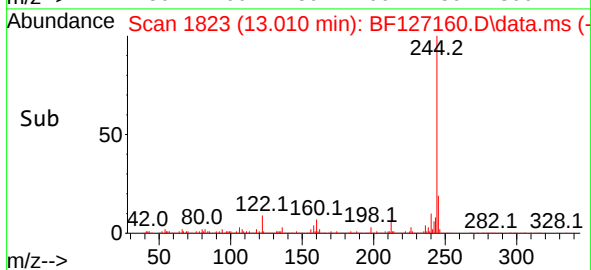
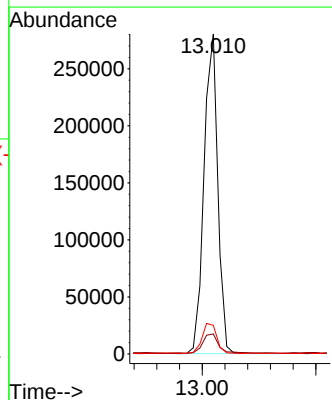
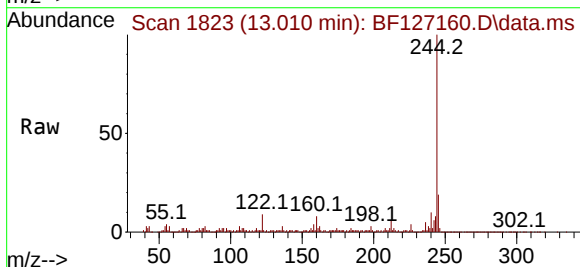
Instrument :
BNA_F
ClientSampleId :
ETGI-359

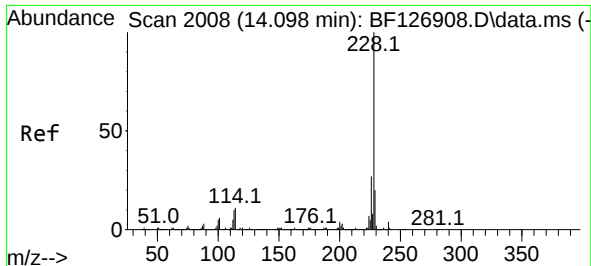
Tgt Ion:202 Resp: 48713
Ion Ratio Lower Upper
202 100
200 19.3 16.6 24.8
203 18.8 13.8 20.8



#79
Terphenyl-d14
Concen: 23.312 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:244 Resp: 234483
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 8.9 13.3 19.9#

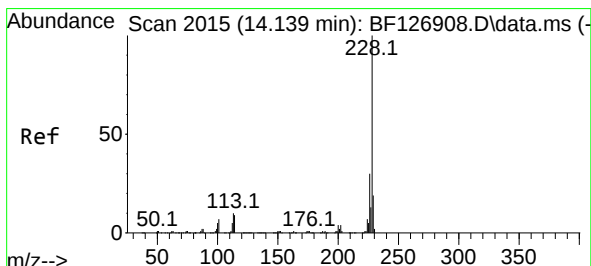
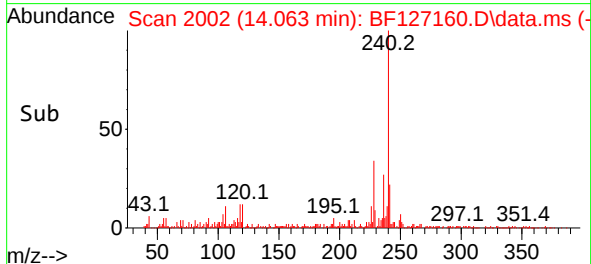
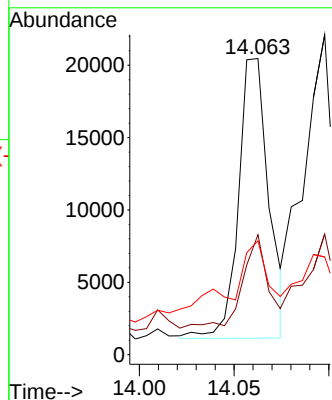
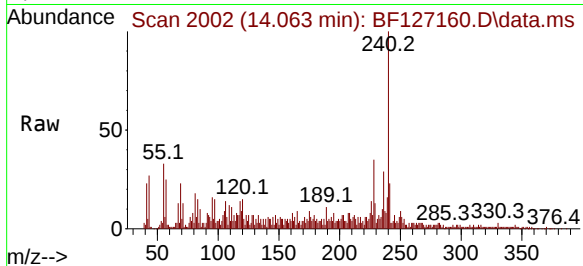




#81
Benzo(a)anthracene
Concen: 2.163 ng
RT: 14.063 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

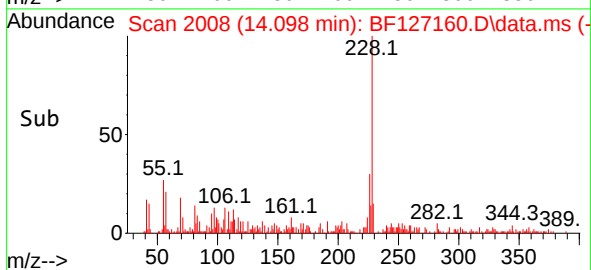
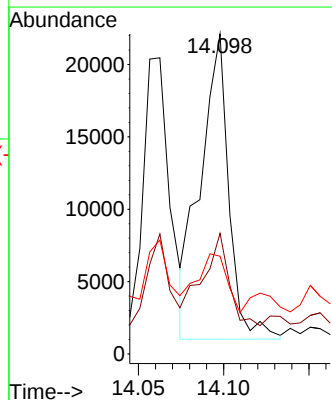
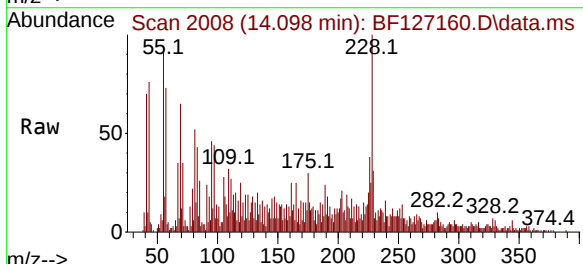
Instrument :
BNA_F
ClientSampleId :
ETGI-359

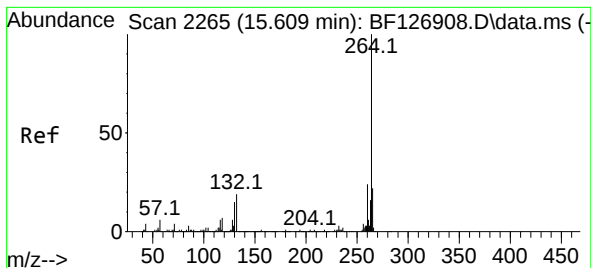
Tgt Ion:228 Resp: 21560
Ion Ratio Lower Upper
228 100
226 40.5 21.4 32.0#
229 38.5 15.4 23.2#



#83
Chrysene
Concen: 2.624 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:228 Resp: 24597
Ion Ratio Lower Upper
228 100
226 37.7 23.7 35.5#
229 30.6 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127160.D

Acq: 02 Mar 2022 21:31

Instrument :

BNA_F

ClientSampleId :

ETGI-359

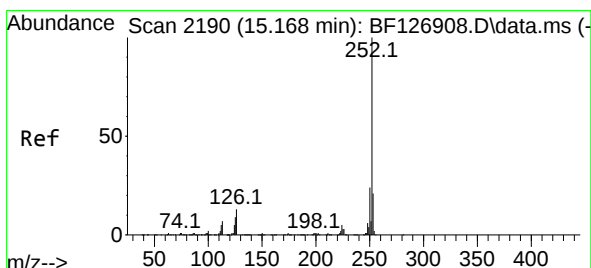
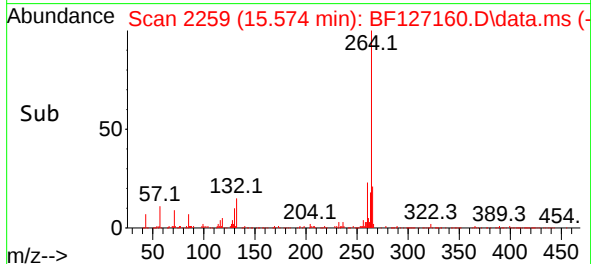
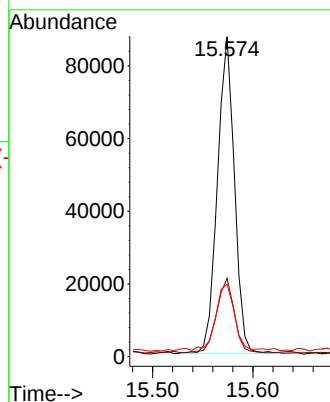
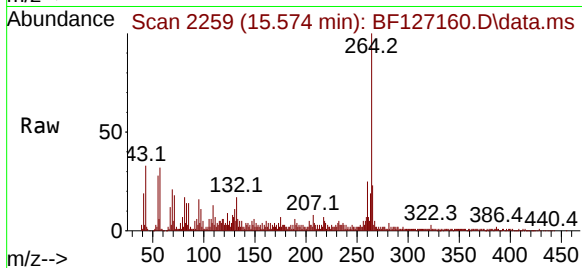
Tgt Ion:264 Resp: 102472

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.337 ng

RT: 15.127 min Scan# 2183

Delta R.T. -0.000 min

Lab File: BF127160.D

Acq: 02 Mar 2022 21:31

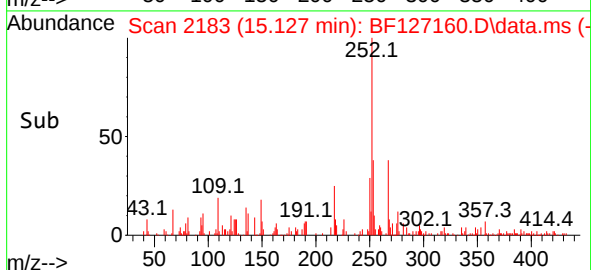
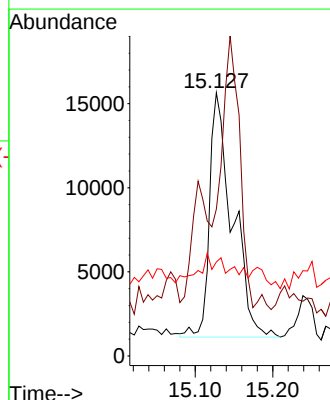
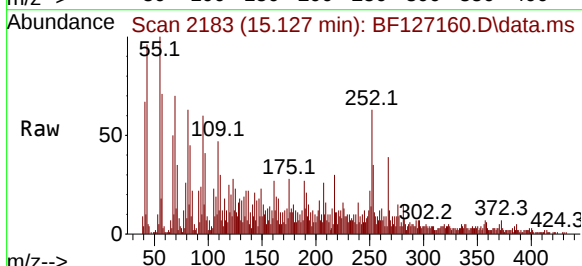
Tgt Ion:252 Resp: 29850

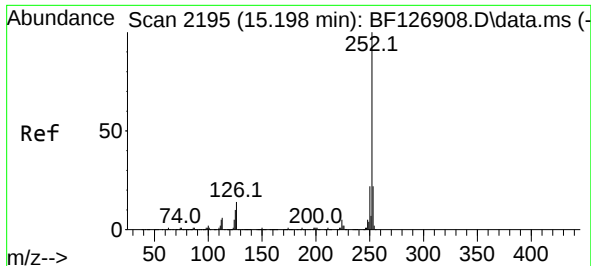
Ion Ratio Lower Upper

252 100

253 55.8 17.8 26.8#

125 35.7 12.4 18.6#

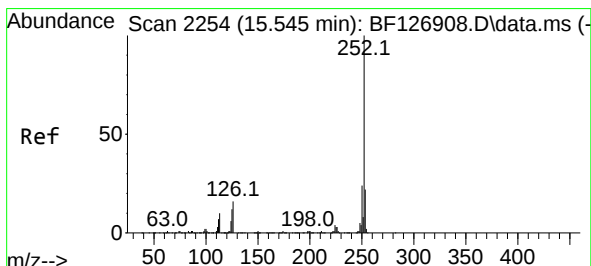
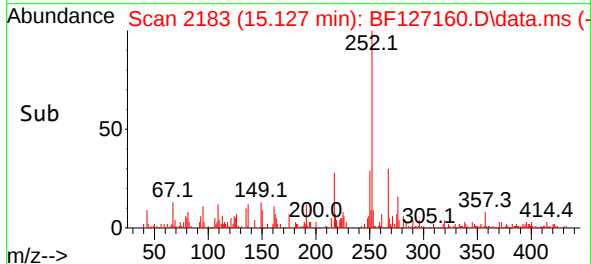
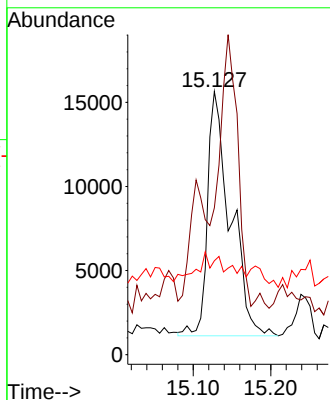
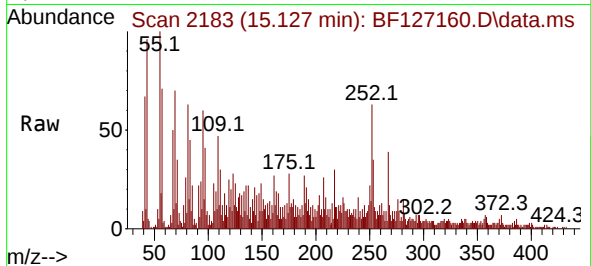




#89
Benzo(k)fluoranthene
Concen: 4.497 ng
RT: 15.127 min Scan# 2195
Delta R.T. -0.030 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion:252 Resp: 29850
Ion Ratio Lower Upper
252 100
253 55.8 17.5 26.3#
125 35.7 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 3.138 ng
RT: 15.504 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF127160.D
Acq: 02 Mar 2022 21:31

Tgt Ion:252 Resp: 16872
Ion Ratio Lower Upper
252 100
253 36.5 17.1 25.7#
125 38.1 13.0 19.6#

