

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129911.D
 Acq On : 19 Aug 2022 14:39
 Operator : CG\JU
 Sample : N4214-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-357

Quant Time: Aug 20 07:44:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

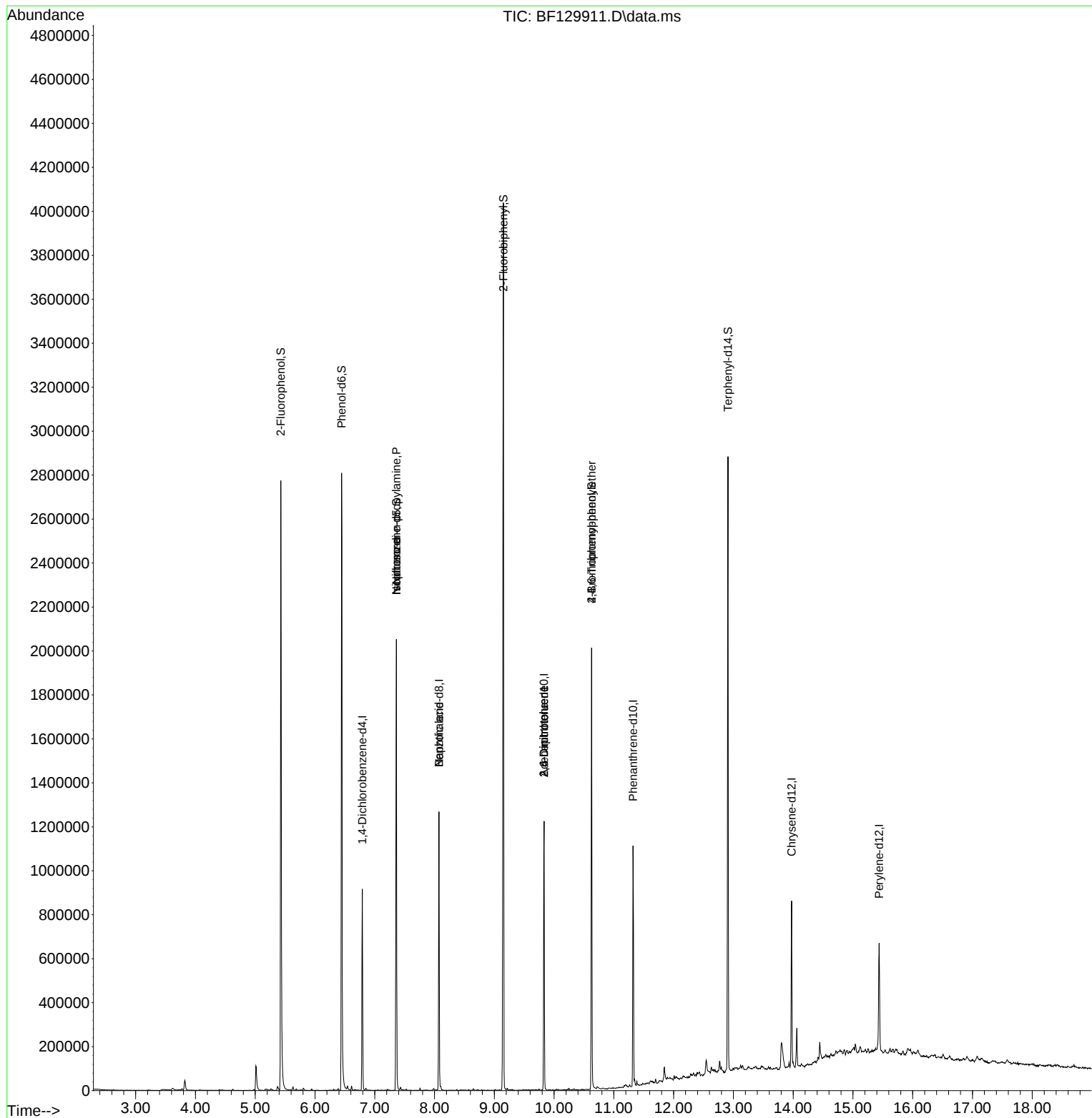
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	125679	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	492169	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	247291	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	356209	20.000	ng	0.00
76) Chrysene-d12	13.974	240	242355	20.000	ng	0.00
86) Perylene-d12	15.439	264	222717	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	780131	102.775	ng	0.00
7) Phenol-d6	6.445	99	982074	103.315	ng	0.00
23) Nitrobenzene-d5	7.363	82	615863	66.986	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	209448	84.389	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1112505	68.328	ng	0.00
79) Terphenyl-d14	12.910	244	871616	59.843	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.340	77	73	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	81506	13.565	ng	# 75
25) Isophorone	7.363	82	615856	38.919	ng	# 65
32) Benzoic acid	8.075	122	65	2.178	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	31426	8.172	ng	# 22
57) 2,4-Dinitrotoluene	9.833	165	31426	6.295	ng	# 17
67) 4-Bromophenyl-phenylether	10.627	248	12919	3.097	ng	# 1
77) Benzidine	12.910	184	12622	Below Cal	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129911.D
Acq On : 19 Aug 2022 14:39
Operator : CG\JU
Sample : N4214-03RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-357

Quant Time: Aug 20 07:44:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 18 12:03:10 2022
Response via : Initial Calibration

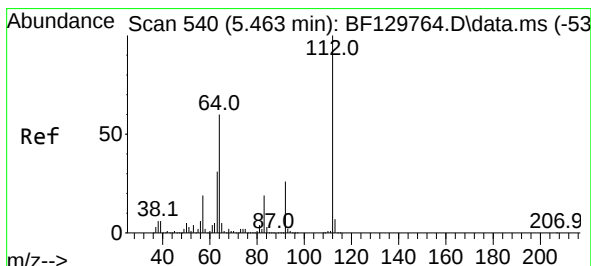
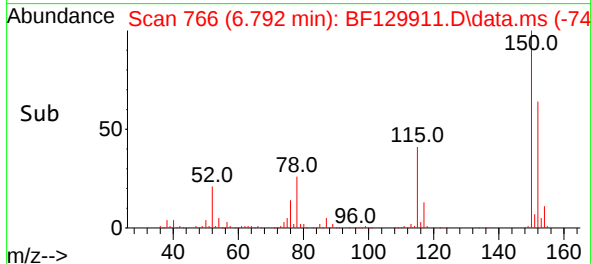
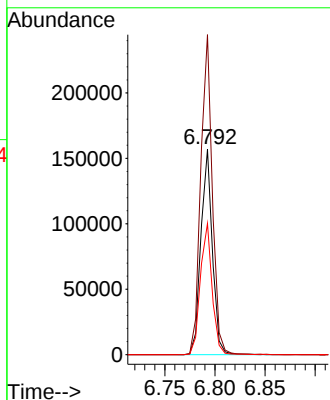
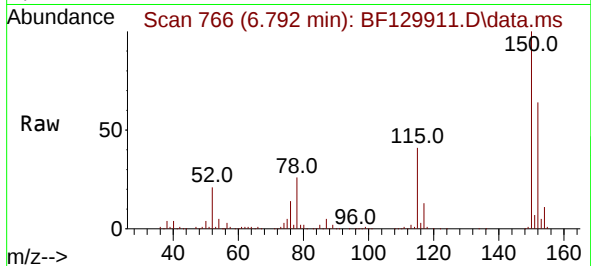




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

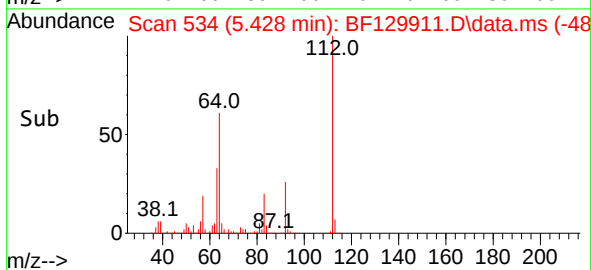
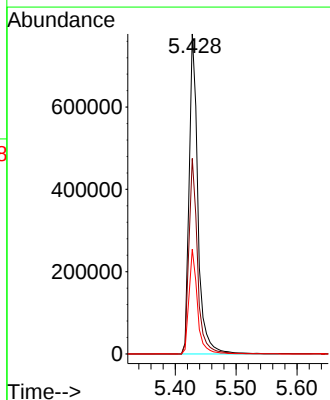
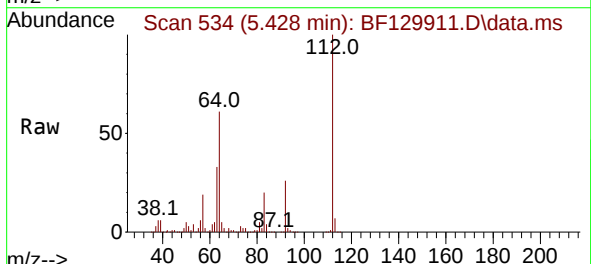
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion:152 Resp: 125679
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 63.9 53.4 80.0



#5
2-Fluorophenol
Concen: 102.775 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion:112 Resp: 780131
Ion Ratio Lower Upper
112 100
64 61.1 47.6 71.4
63 32.8 24.6 37.0

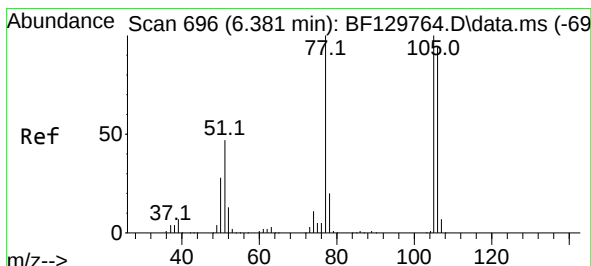
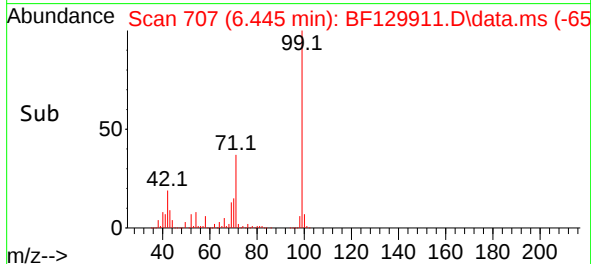
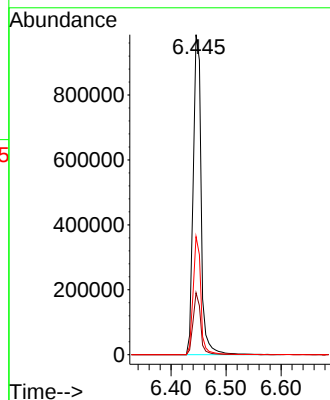
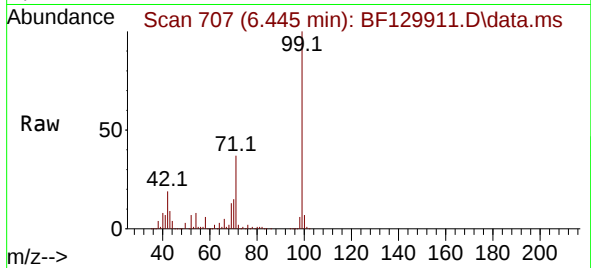




#7
Phenol-d6
Concen: 103.315 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

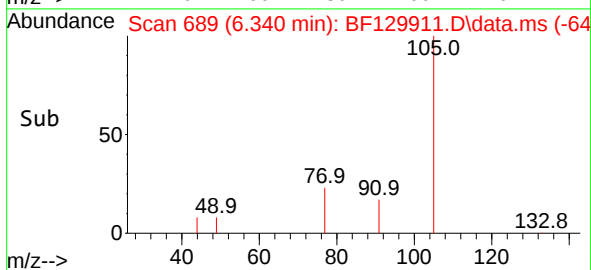
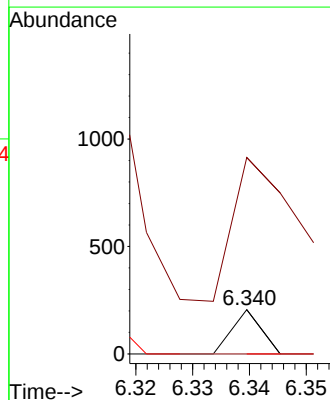
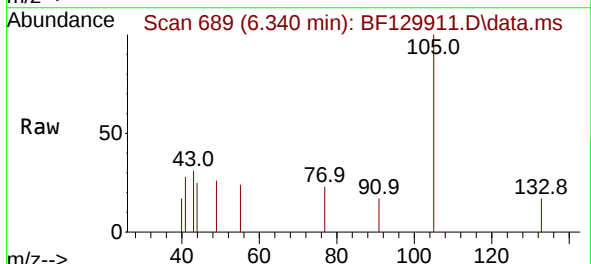
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion: 99 Resp: 982074
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 36.9 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.340 min Scan# 689
Delta R.T. -0.012 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
105 443.7 80.3 120.3#
106 0.0 74.3 114.3#

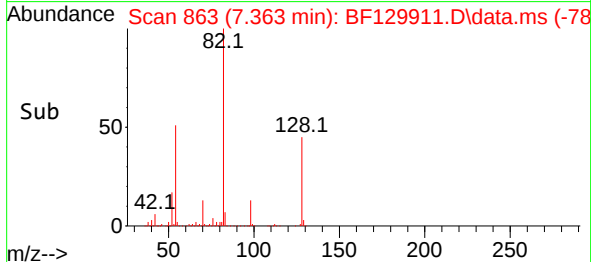
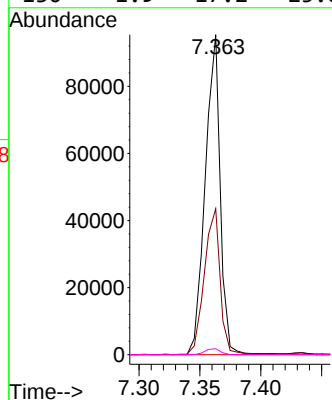
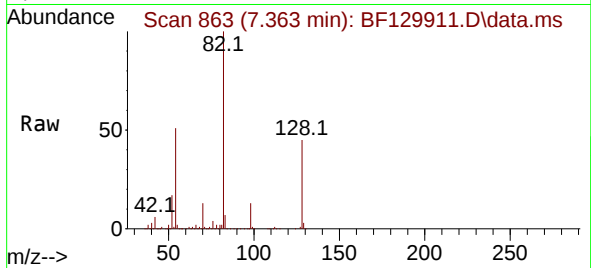




#19
n-Nitroso-di-n-propylamine
Concen: 13.565 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

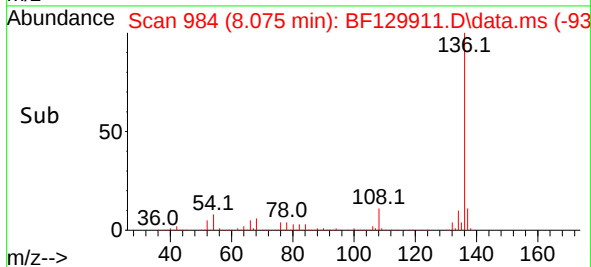
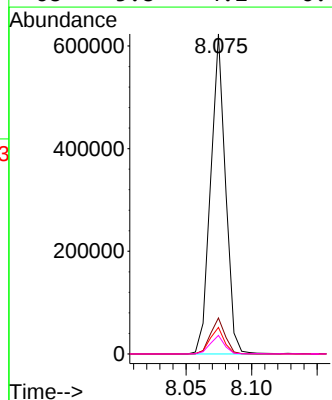
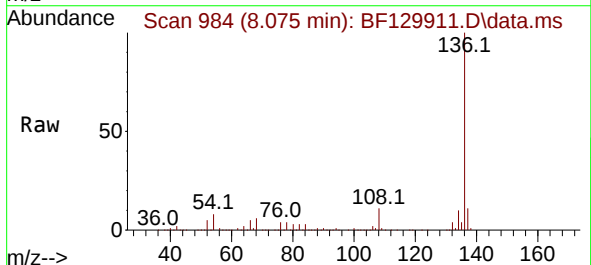
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion: 70 Resp: 81506
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion: 136 Resp: 492169
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.3 6.2 9.2
68 5.8 4.2 6.4

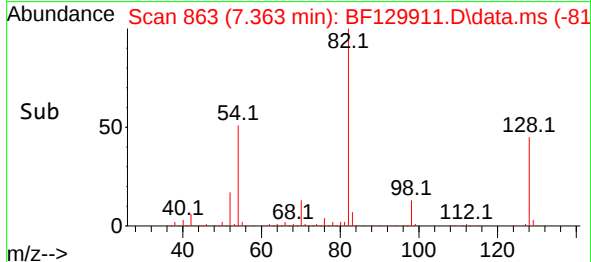
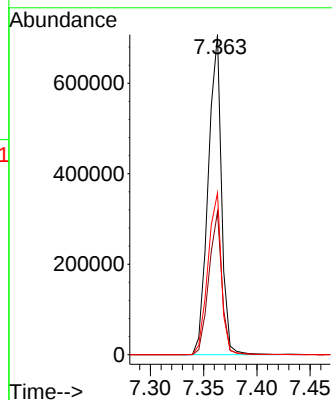
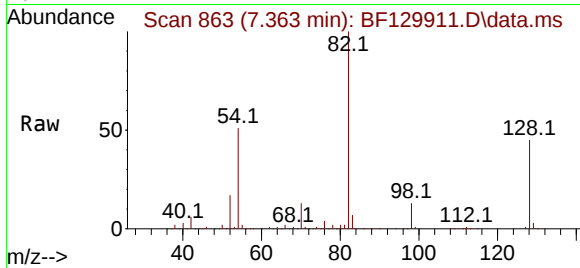




#23
Nitrobenzene-d5
Concen: 66.986 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

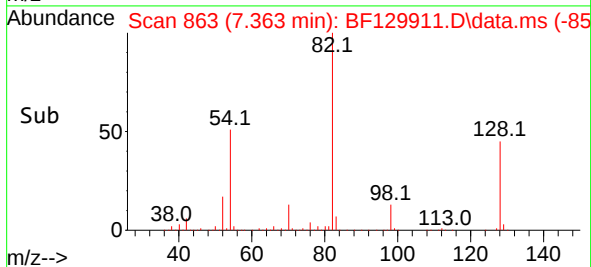
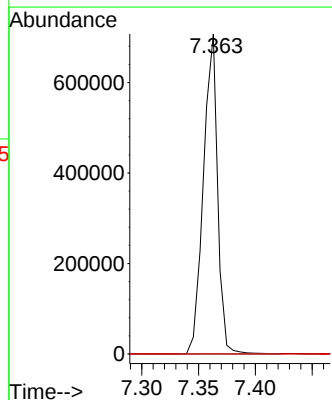
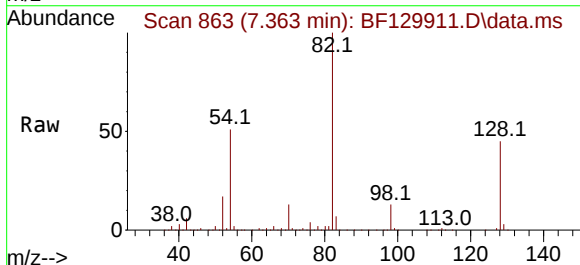
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion: 82 Resp: 615863
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 50.5 40.0 60.0



#25
Isophorone
Concen: 38.919 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion: 82 Resp: 615856
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

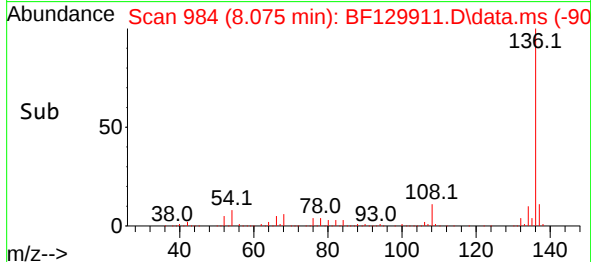
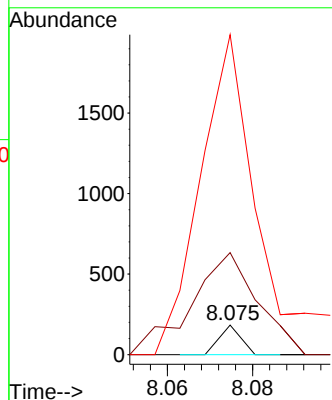
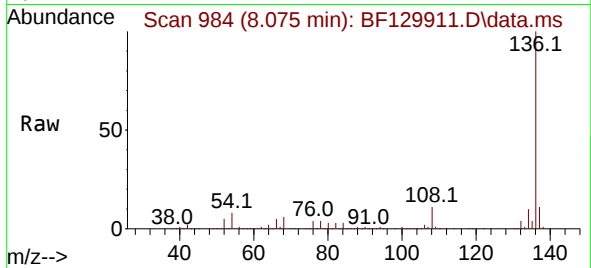




#32
Benzoic acid
Concen: 2.178 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

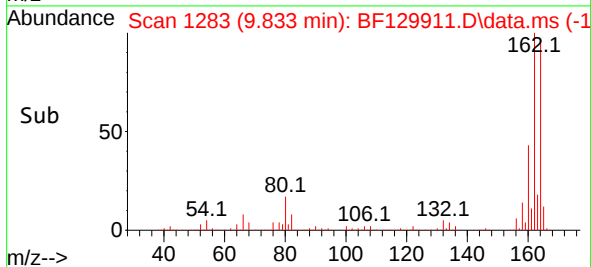
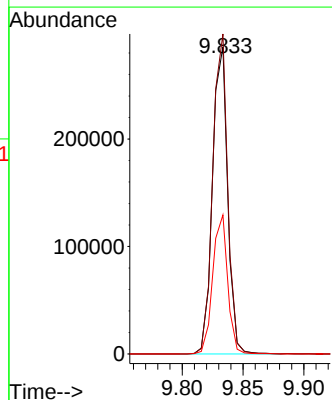
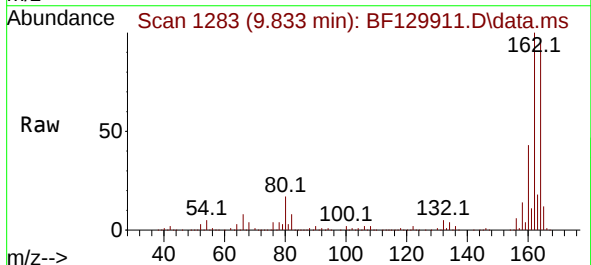
Instrument :
BNA_F
ClientSampleId :
ETGI-357

Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 346.4 99.9 139.9#
77 1085.8 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion:164 Resp: 247291
Ion Ratio Lower Upper
164 100
162 104.2 82.0 123.0
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 84.389 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129911.D

Acq: 19 Aug 2022 14:39

Instrument :

BNA_F

ClientSampleId :

ETGI-357

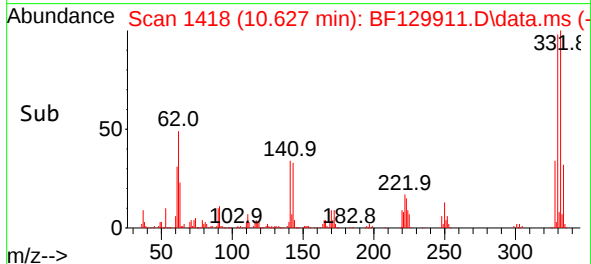
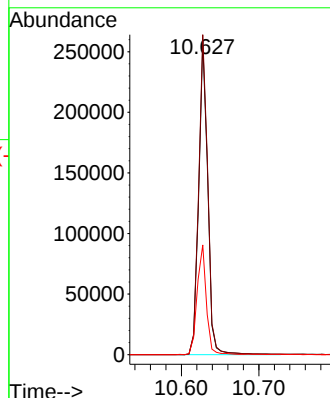
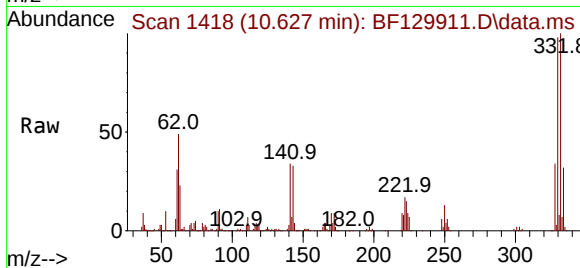
Tgt Ion:330 Resp: 209448

Ion Ratio Lower Upper

330 100

332 103.5 82.6 124.0

141 35.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 68.328 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129911.D

Acq: 19 Aug 2022 14:39

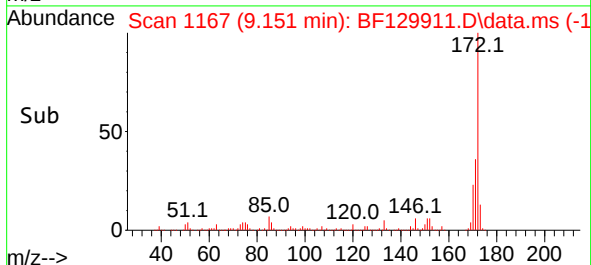
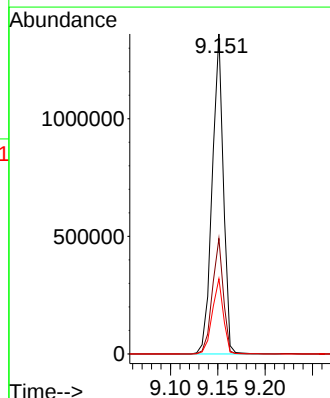
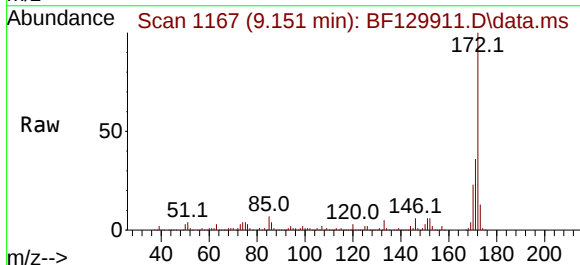
Tgt Ion:172 Resp: 1112505

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.5 19.1 28.7

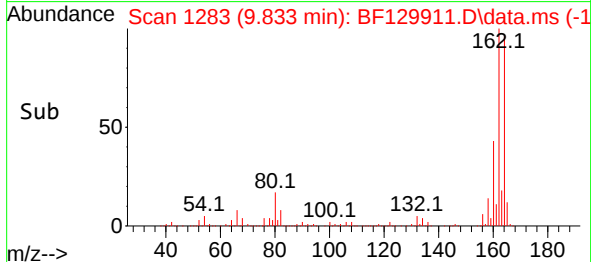
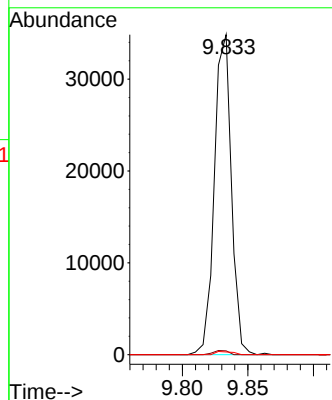
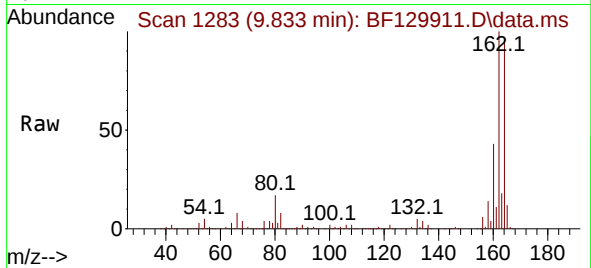




#51
2,6-Dinitrotoluene
Concen: 8.172 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

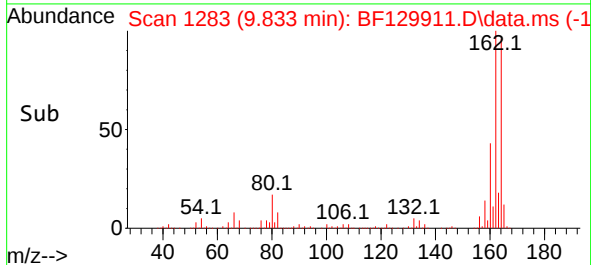
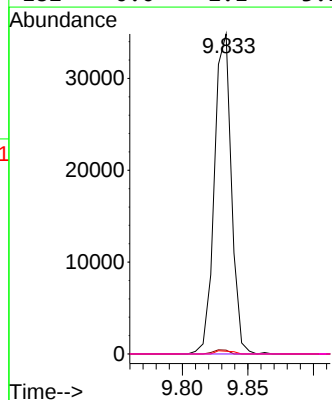
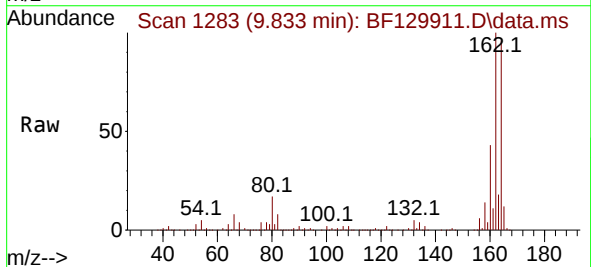
Instrument :
BNA_F
ClientSampleId :
ETGI-357

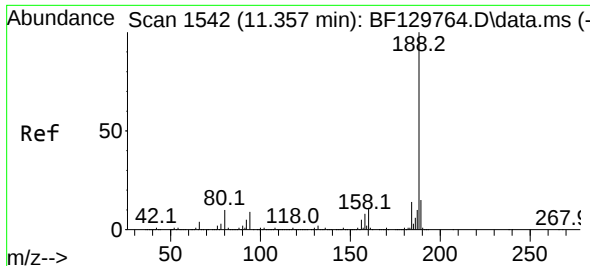
Tgt Ion:165 Resp: 31426
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 0.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.295 ng
RT: 9.833 min Scan# 1283
Delta R.T. -0.206 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion:165 Resp: 31426
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#

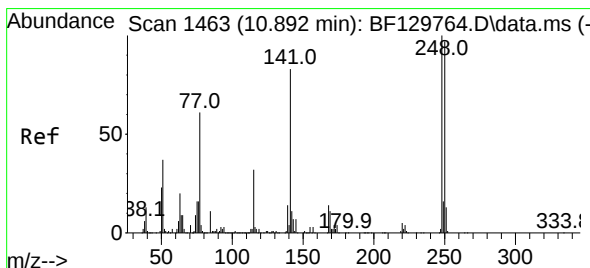
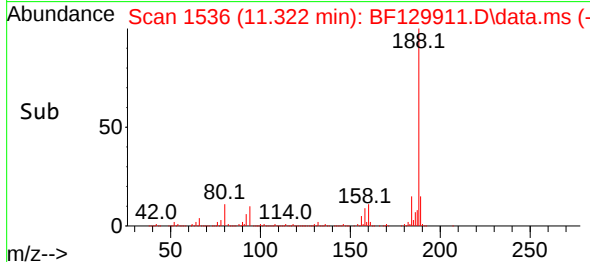
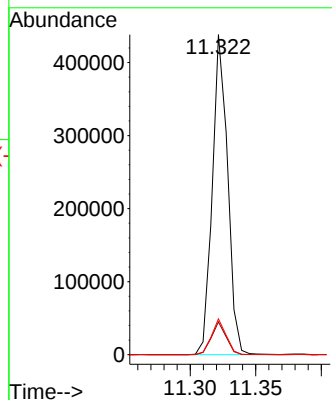
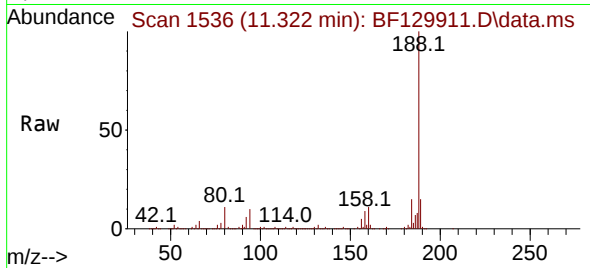




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

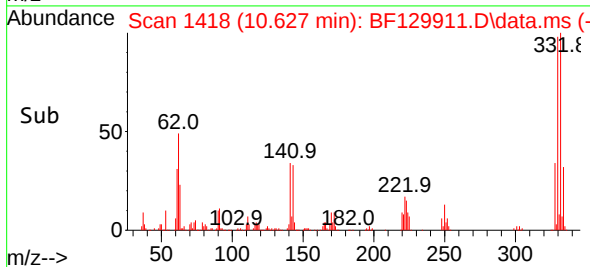
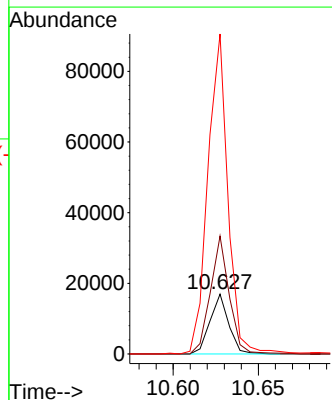
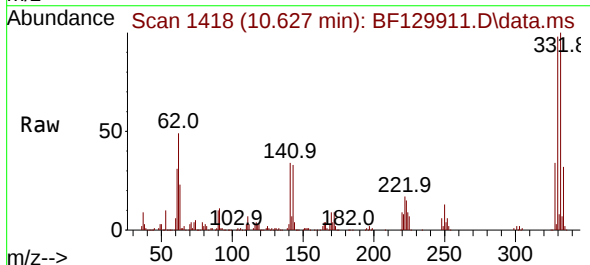
Instrument :
BNA_F
ClientSampleId :
ETGI-357

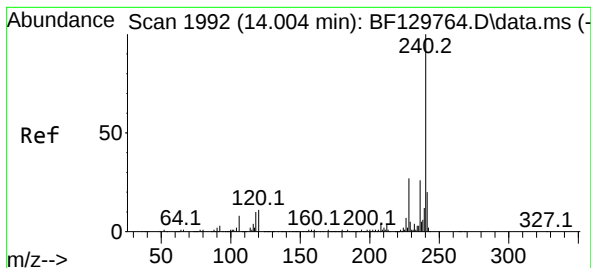
Tgt Ion:188 Resp: 356209
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.097 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129911.D
Acq: 19 Aug 2022 14:39

Tgt Ion:248 Resp: 12919
Ion Ratio Lower Upper
248 100
250 196.7 77.8 116.6#
141 534.2 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129911.D

Acq: 19 Aug 2022 14:39

Instrument :

BNA_F

ClientSampleId :

ETGI-357

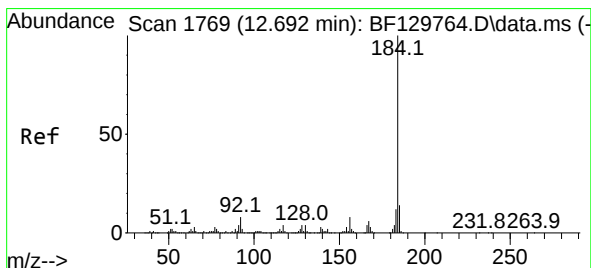
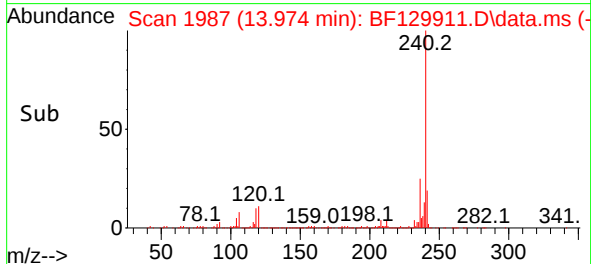
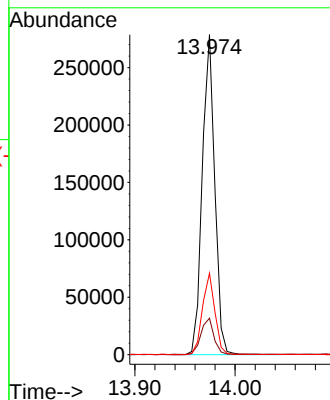
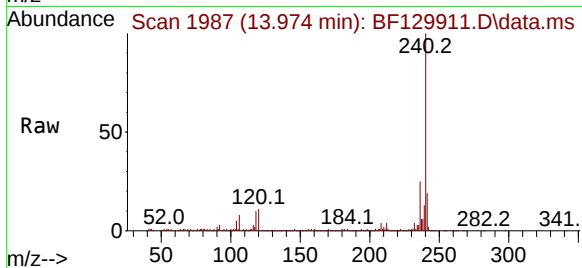
Tgt Ion:240 Resp: 242355

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.910 min Scan# 1806

Delta R.T. 0.247 min

Lab File: BF129911.D

Acq: 19 Aug 2022 14:39

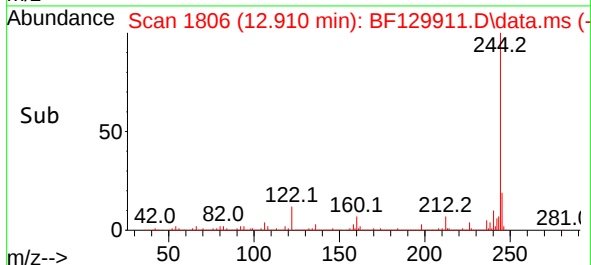
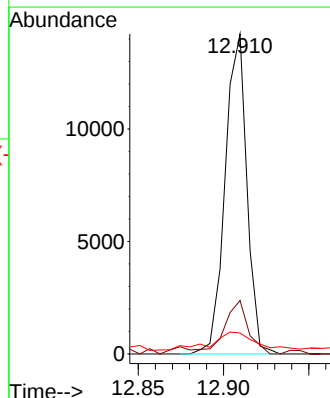
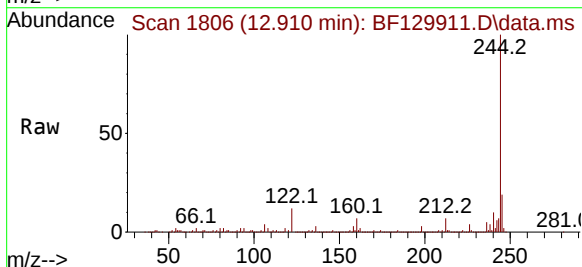
Tgt Ion:184 Resp: 12622

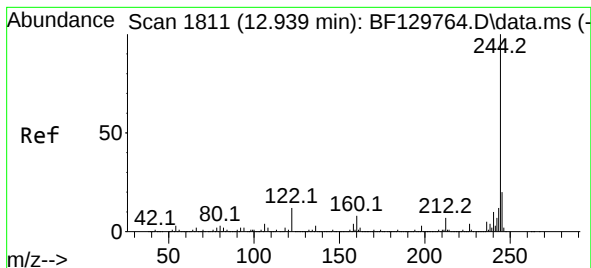
Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.2

183 6.5 9.4 14.2#





#79

Terphenyl-d14

Concen: 59.843 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF129911.D

Acq: 19 Aug 2022 14:39

Instrument :

BNA_F

ClientSampleId :

ETGI-357

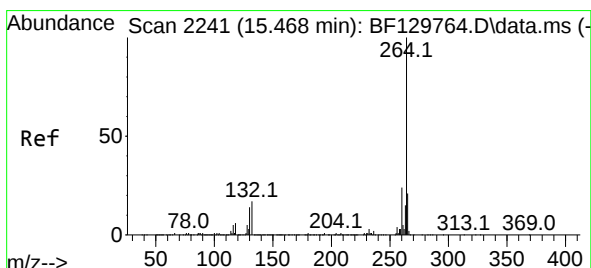
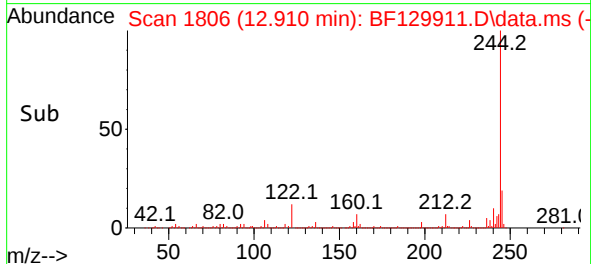
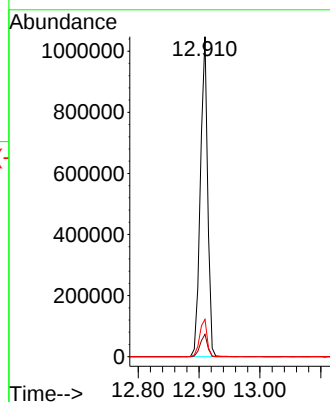
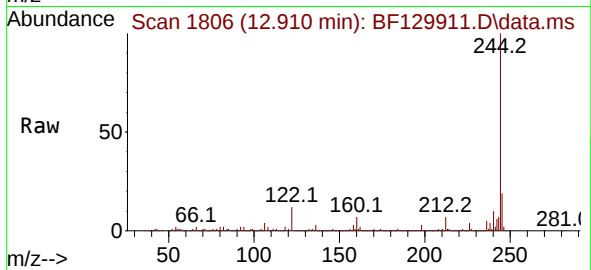
Tgt Ion:244 Resp: 871616

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 11.7 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129911.D

Acq: 19 Aug 2022 14:39

Tgt Ion:264 Resp: 222717

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.2 16.7 25.1

