

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139577.D
 Acq On : 30 Sep 2024 14:32
 Operator : RC/JU
 Sample : P4192-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355

Quant Time: Sep 30 18:38:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

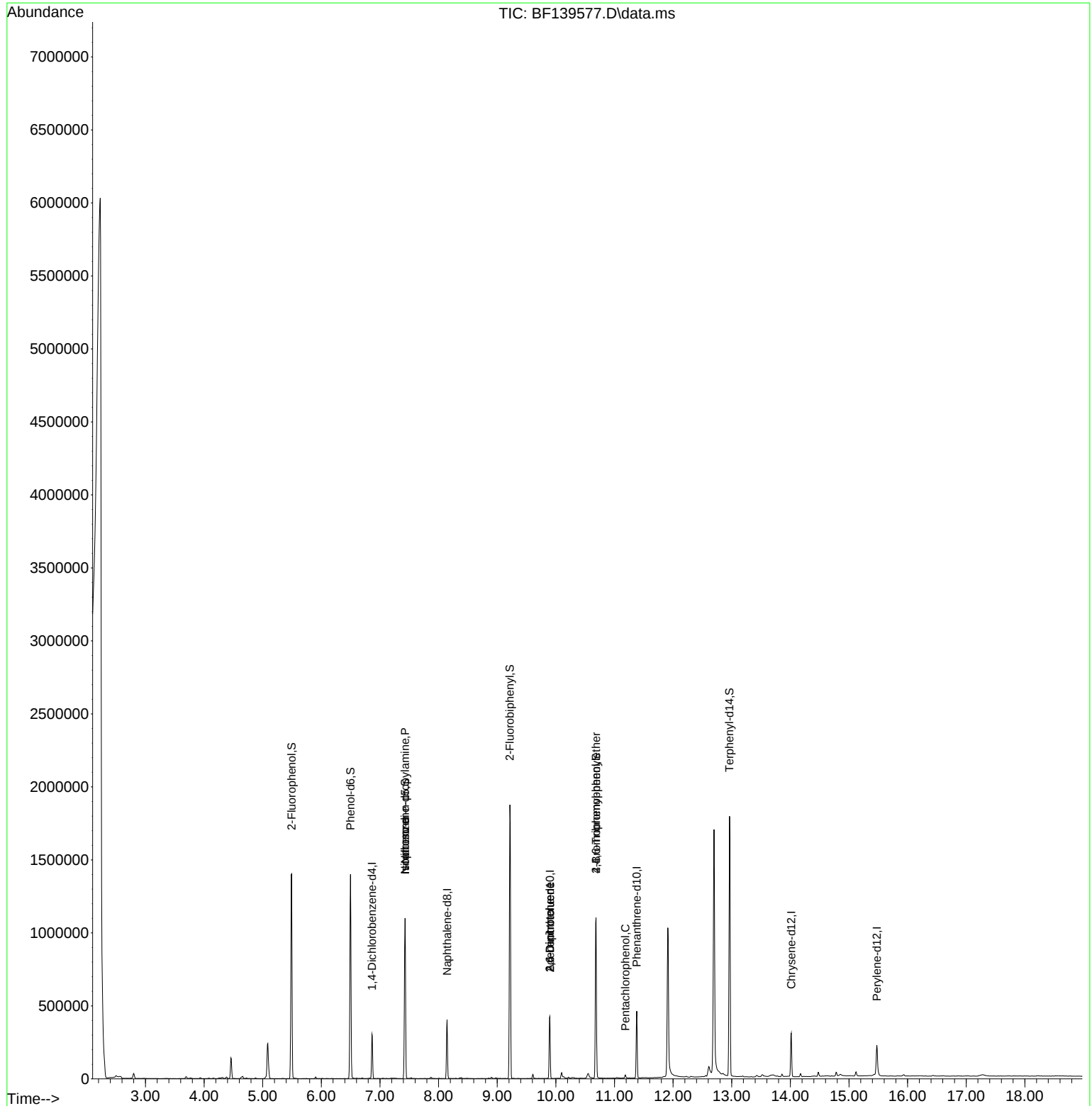
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	61591	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	231289	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	126816	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	234185	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	139781	20.000	ng	#-0.02
86) Perylene-d12	15.474	264	116485	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	489036	129.530	ng	0.00
7) Phenol-d6	6.498	99	603200	121.722	ng	0.00
23) Nitrobenzene-d5	7.428	82	461280	93.759	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	168575	124.860	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	805130	89.043	ng	-0.02
79) Terphenyl-d14	12.963	244	846246	99.371	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	63763	21.713	ng	# 73
25) Isophorone	7.428	82	461273	59.284	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	16504	8.951	ng	# 15
57) 2,4-Dinitrotoluene	9.898	165	16504	6.630	ng	# 16
67) 4-Bromophenyl-phenylether	10.686	248	11829	5.097	ng	# 1
70) Pentachlorophenol	11.186	266	3990	2.441	ng	96

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

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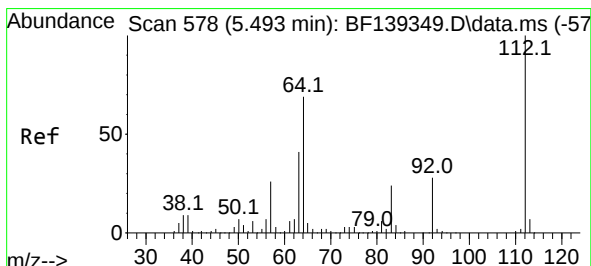
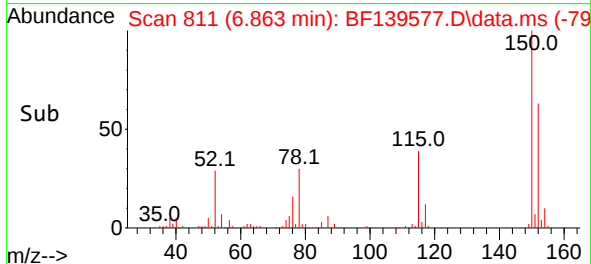
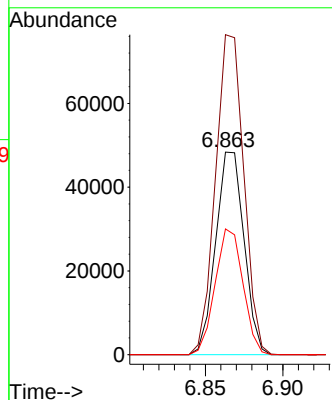
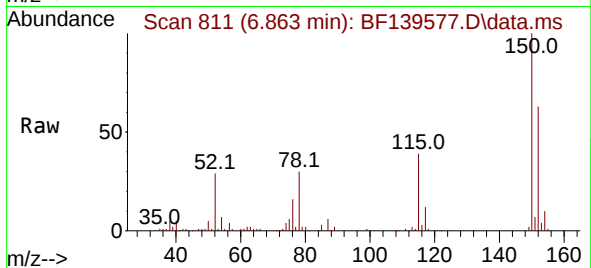




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

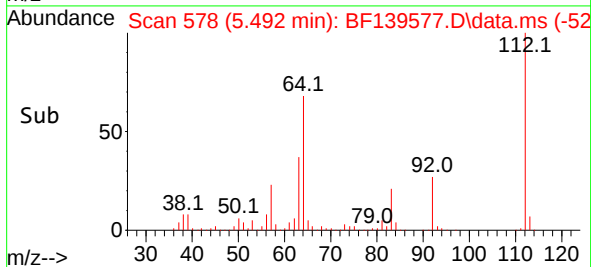
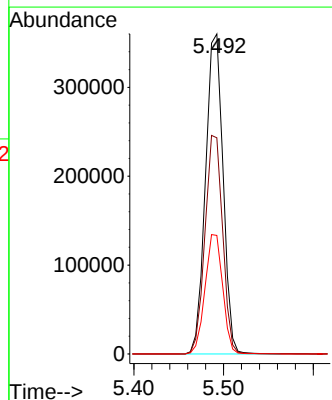
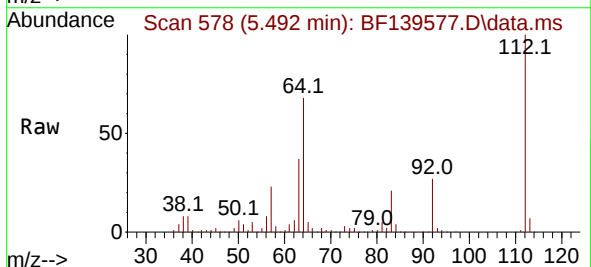
Instrument :
BNA_F
ClientSampleId :
ETGI-355

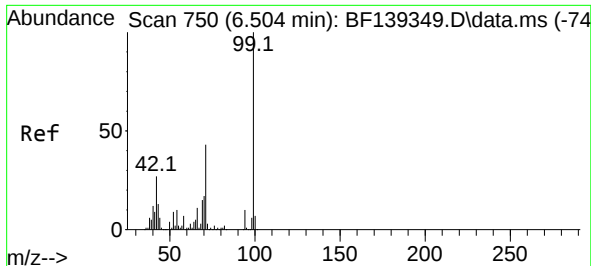
Tgt Ion:152 Resp: 61591
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 129.530 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

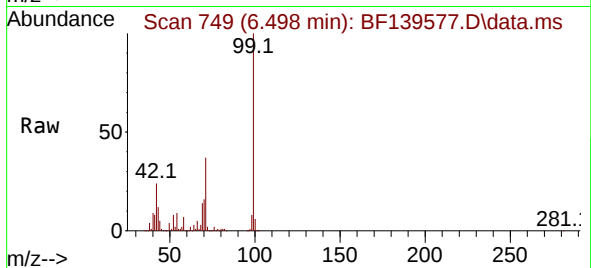
Tgt Ion:112 Resp: 489036
Ion Ratio Lower Upper
112 100
64 67.6 54.8 82.2
63 37.1 33.0 49.4



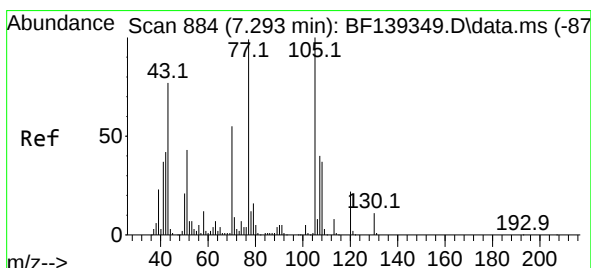
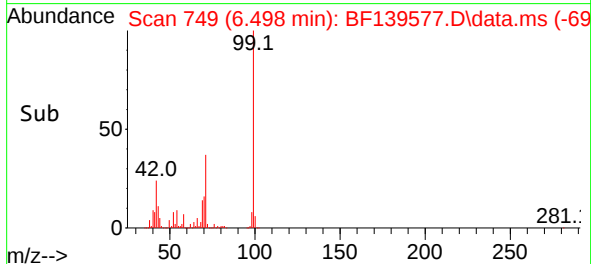
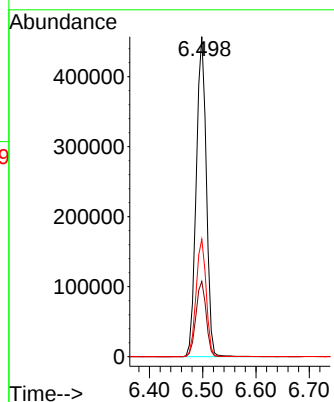


#7
Phenol-d6
Concen: 121.722 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

Instrument :
BNA_F
ClientSampleId :
ETGI-355

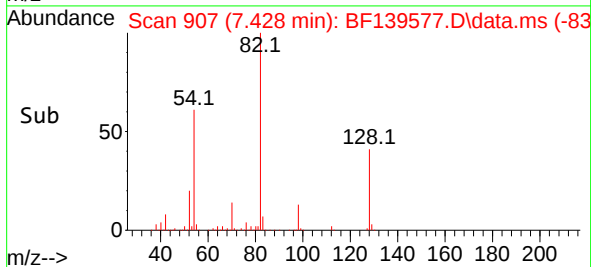
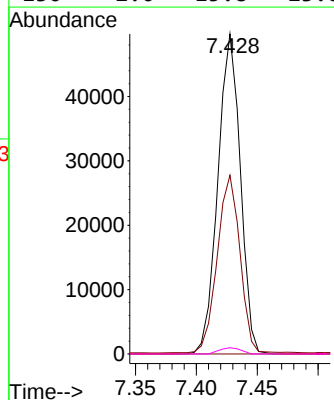
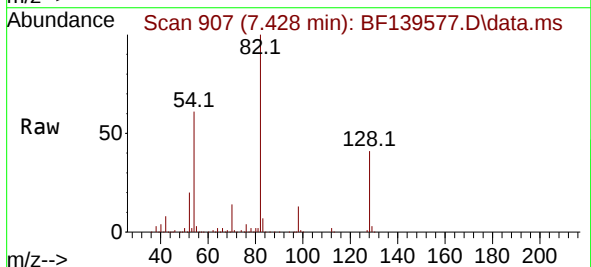


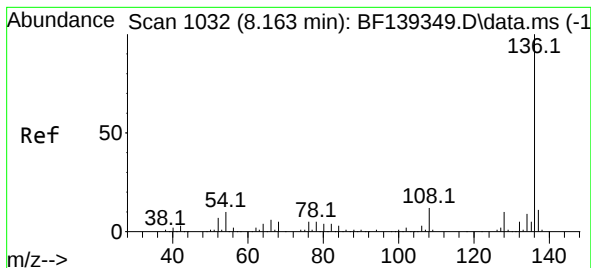
Tgt Ion: 99 Resp: 603200
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 36.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.713 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

Tgt Ion: 70 Resp: 63763
Ion Ratio Lower Upper
70 100
42 55.8 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

Tgt Ion:136 Resp: 231289

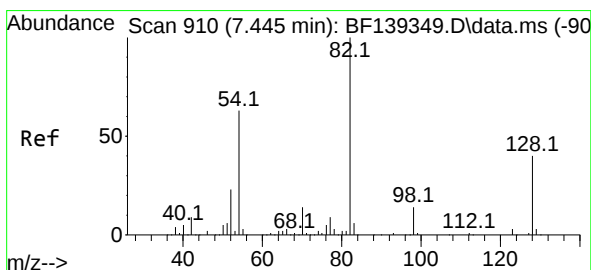
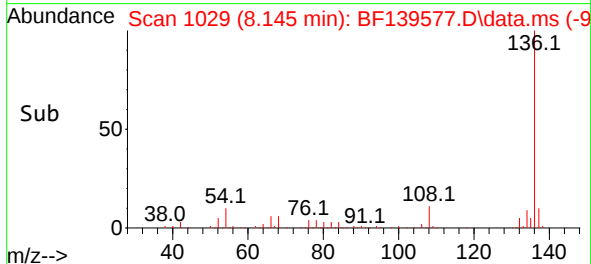
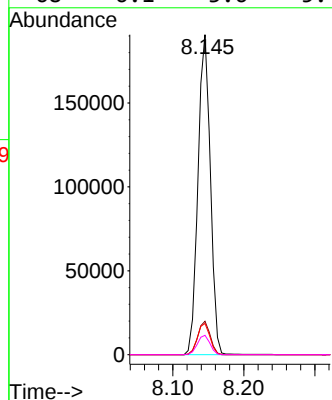
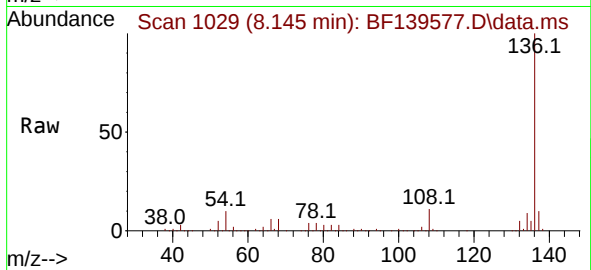
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.8 7.8 11.8

68 6.1 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 93.759 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

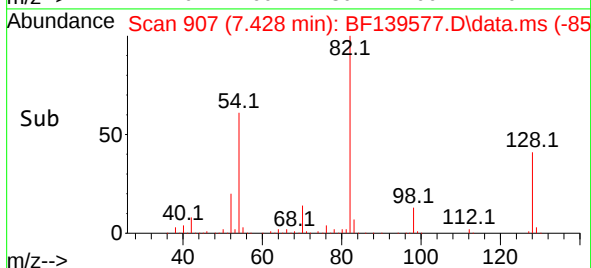
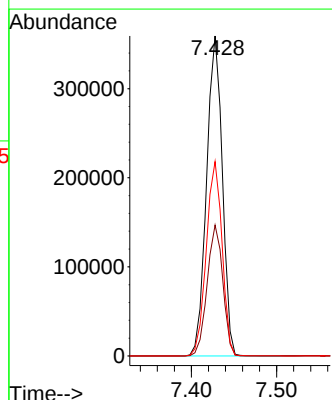
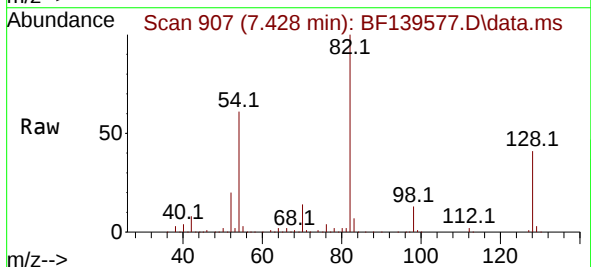
Tgt Ion: 82 Resp: 461280

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 60.8 50.6 75.8

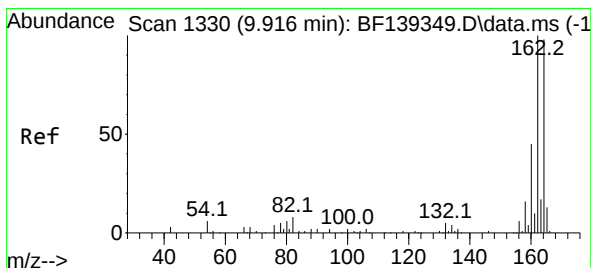
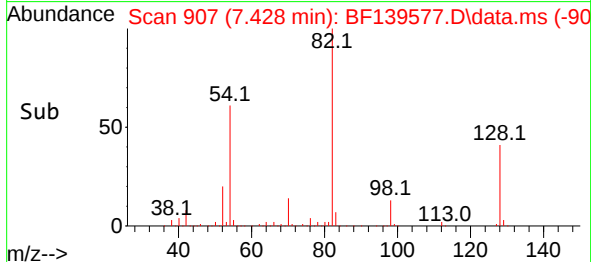
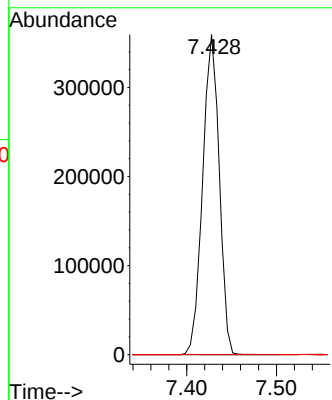
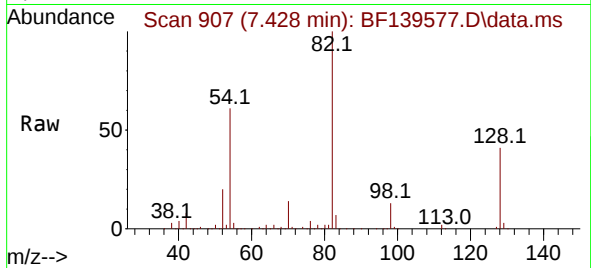




#25
Isophorone
Concen: 59.284 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

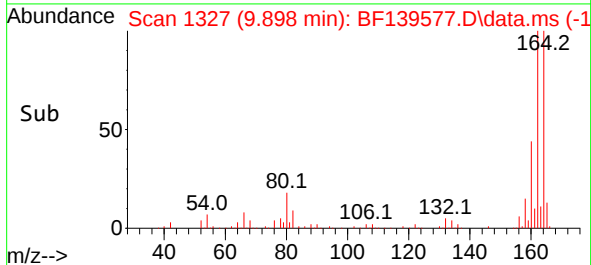
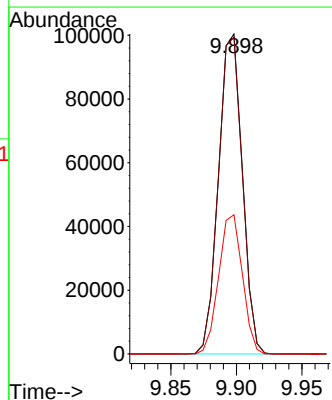
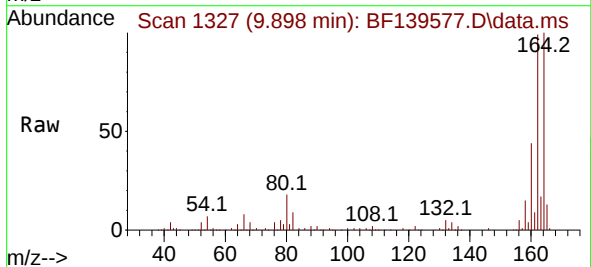
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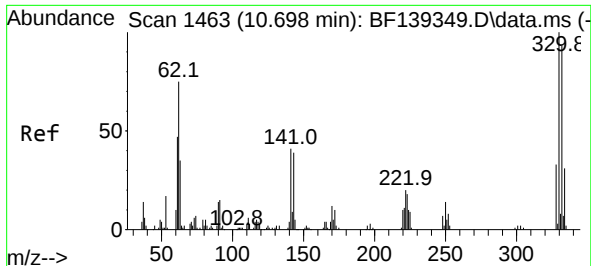
Tgt Ion: 82 Resp: 461273
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

Tgt Ion: 164 Resp: 126816
Ion Ratio Lower Upper
164 100
162 99.1 81.3 121.9
160 43.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 124.860 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

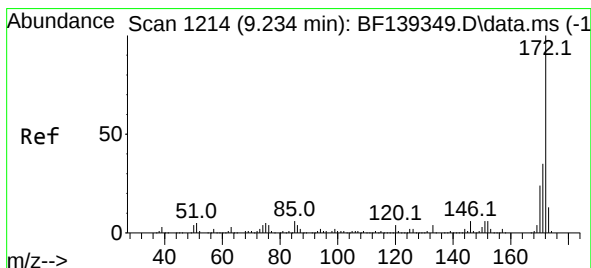
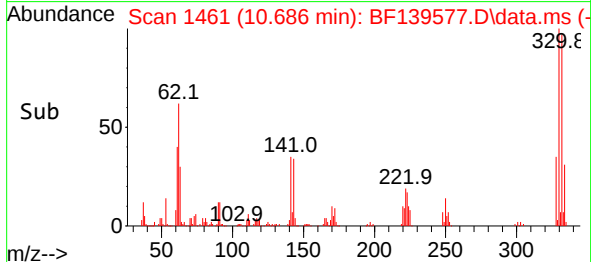
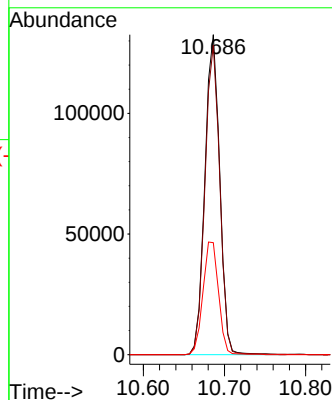
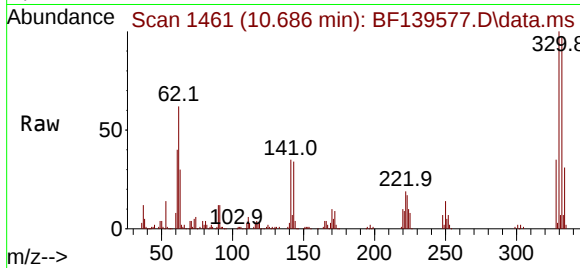
Tgt Ion:330 Resp: 168575

Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 37.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 89.043 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

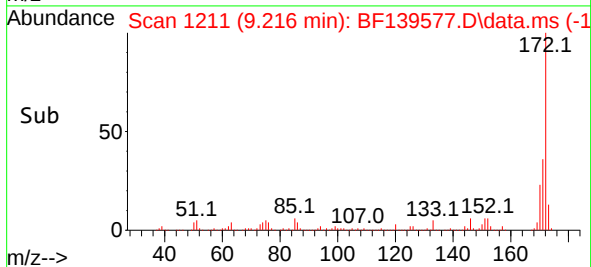
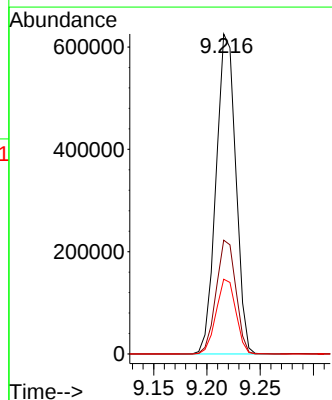
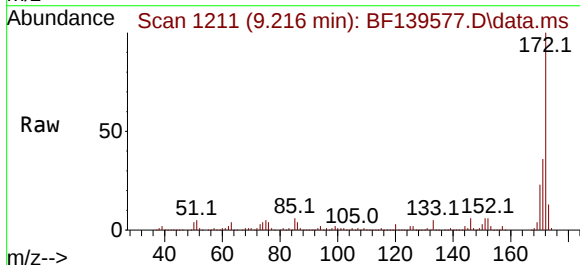
Tgt Ion:172 Resp: 805130

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.951 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

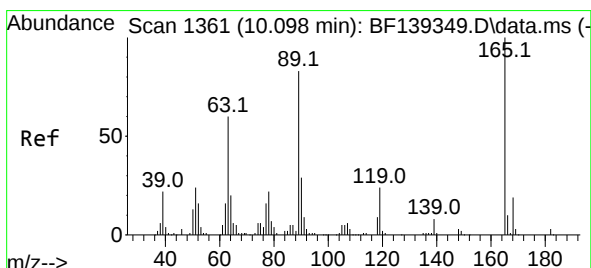
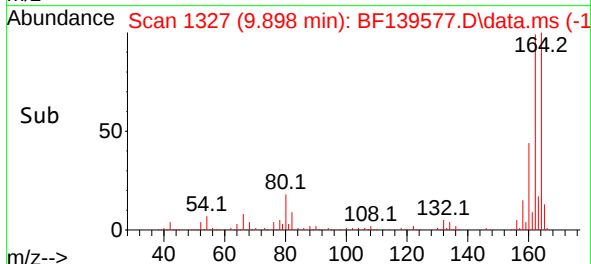
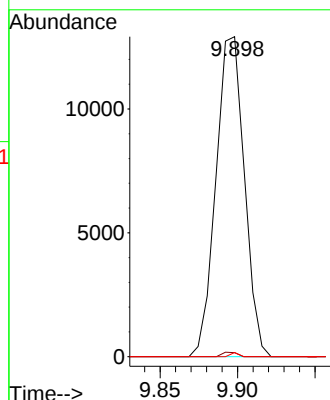
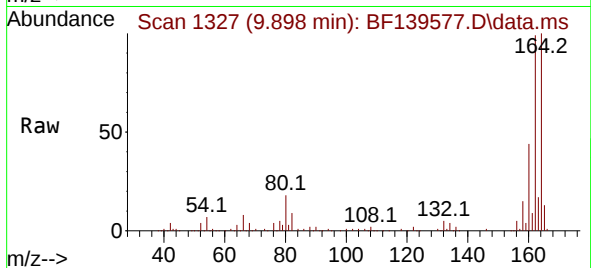
Tgt Ion:165 Resp: 16504

Ion Ratio Lower Upper

165 100

63 1.3 60.9 91.3#

89 1.3 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.630 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Tgt Ion:165 Resp: 16504

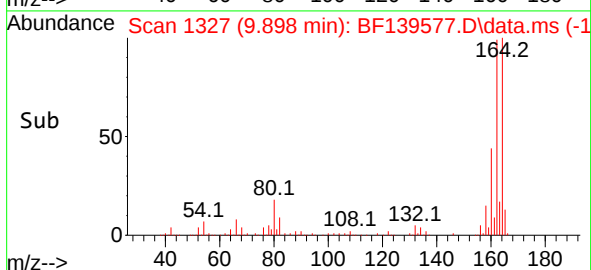
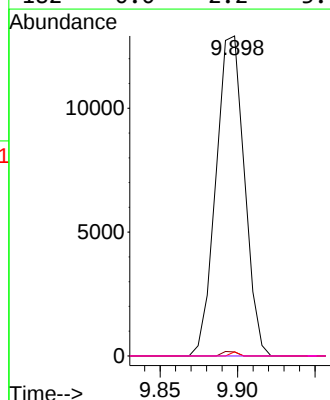
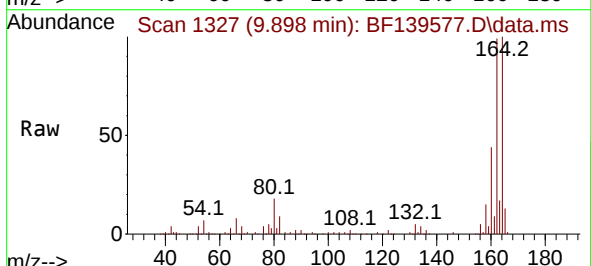
Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.6#

89 1.3 66.7 100.1#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

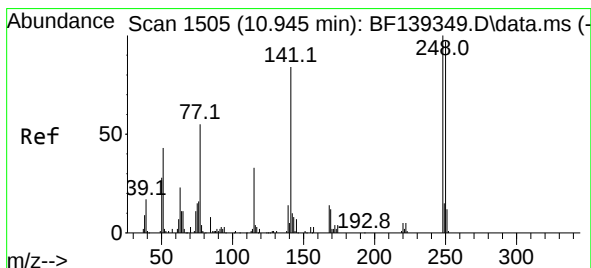
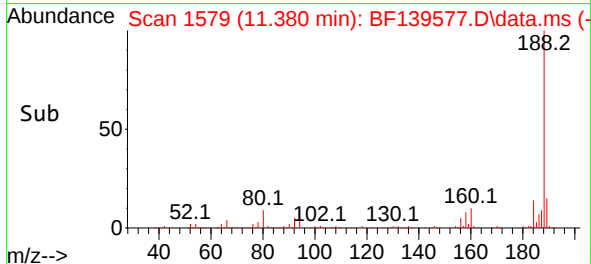
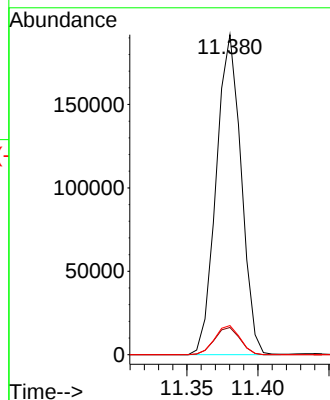
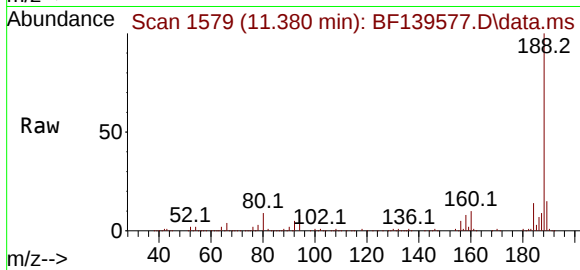
Tgt Ion:188 Resp: 234185

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.097 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.259 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

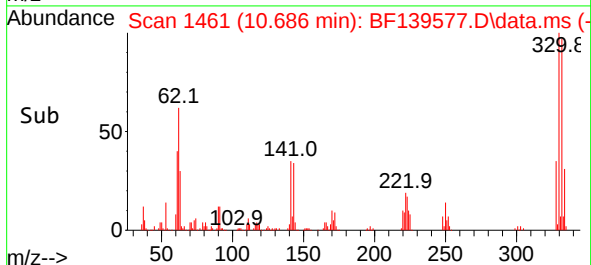
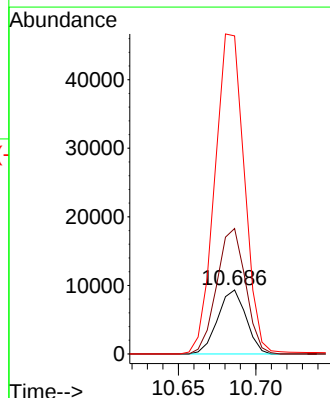
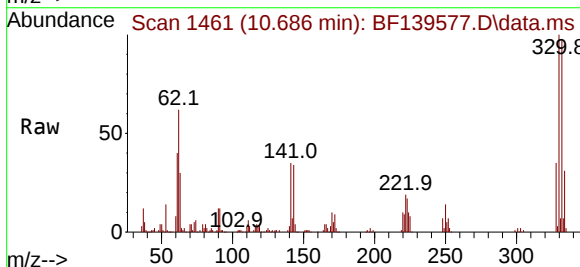
Tgt Ion:248 Resp: 11829

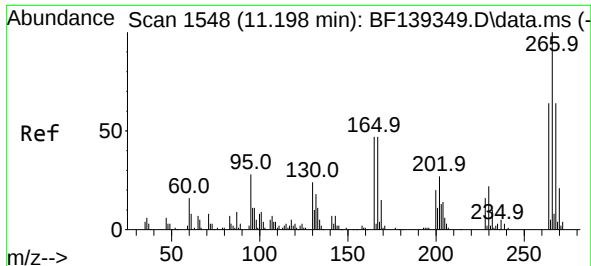
Ion Ratio Lower Upper

248 100

250 196.0 77.6 116.4#

141 496.9 66.9 100.3#

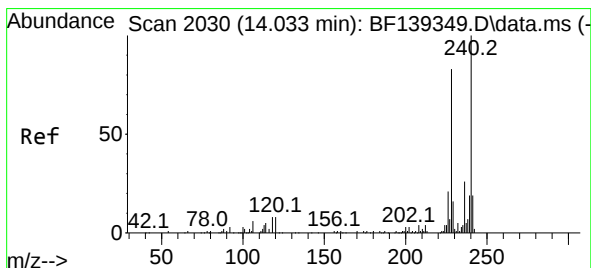
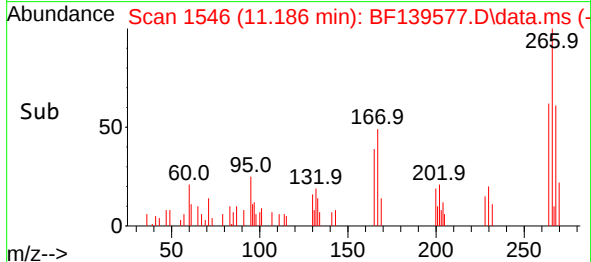
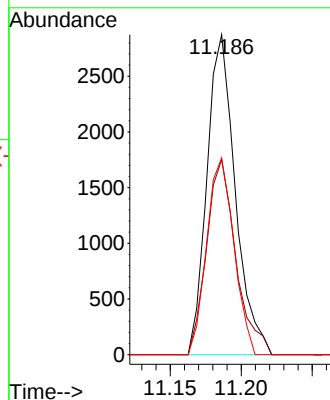
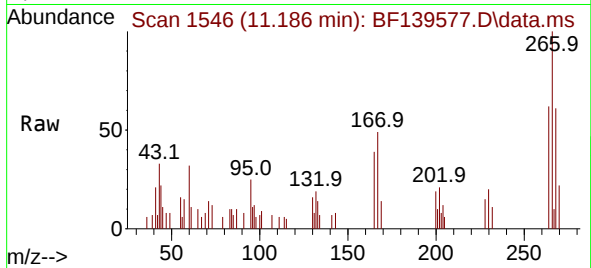




#70
 Pentachlorophenol
 Concen: 2.441 ng
 RT: 11.186 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139577.D
 Acq: 30 Sep 2024 14:32

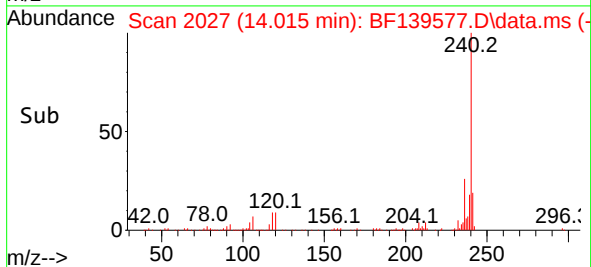
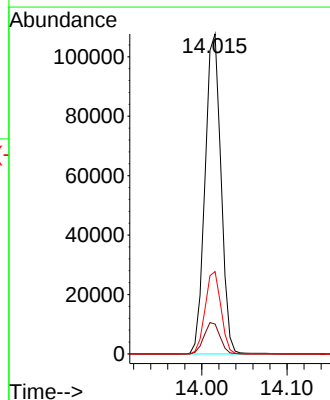
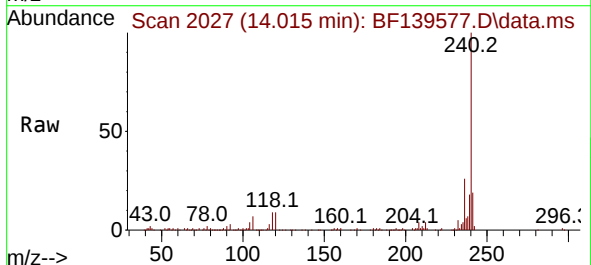
Instrument :
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 ClientSampleId :
 ETGI-355

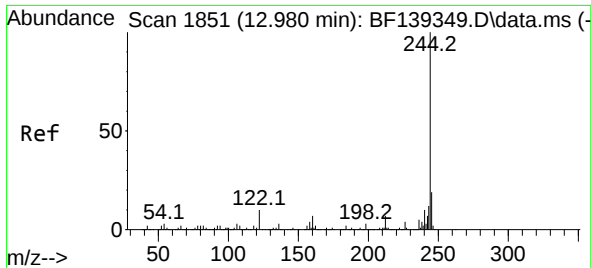
Tgt Ion:266 Resp: 3990
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.1 76.7
 264 61.5 51.4 77.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.015 min Scan# 2027
 Delta R.T. -0.018 min
 Lab File: BF139577.D
 Acq: 30 Sep 2024 14:32

Tgt Ion:240 Resp: 139781
 Ion Ratio Lower Upper
 240 100
 120 9.4 6.2 9.2#
 236 25.7 20.9 31.3

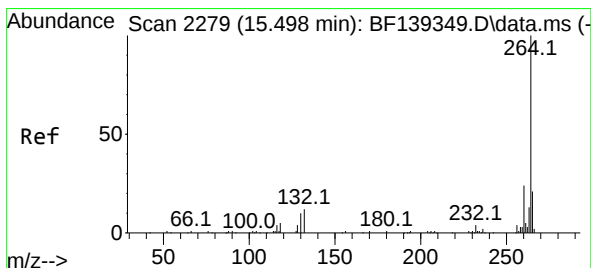
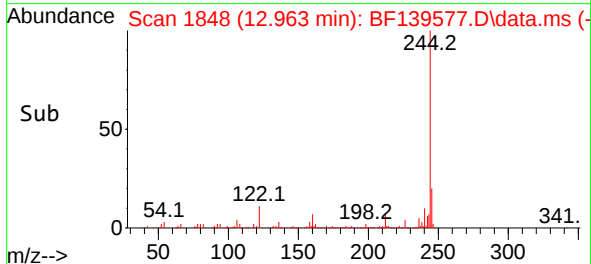
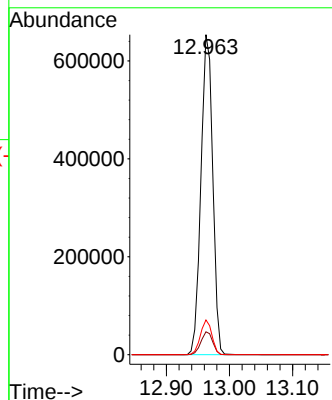
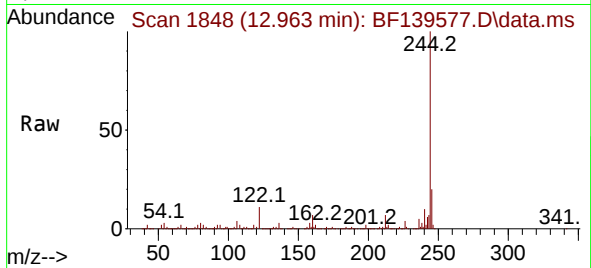




#79
 Terphenyl-d14
 Concen: 99.371 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.018 min
 Lab File: BF139577.D
 Acq: 30 Sep 2024 14:32

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-355

Tgt Ion:244 Resp: 846246
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.9 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.024 min
 Lab File: BF139577.D
 Acq: 30 Sep 2024 14:32

Tgt Ion:264 Resp: 116485
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.7 16.6 25.0

