

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)

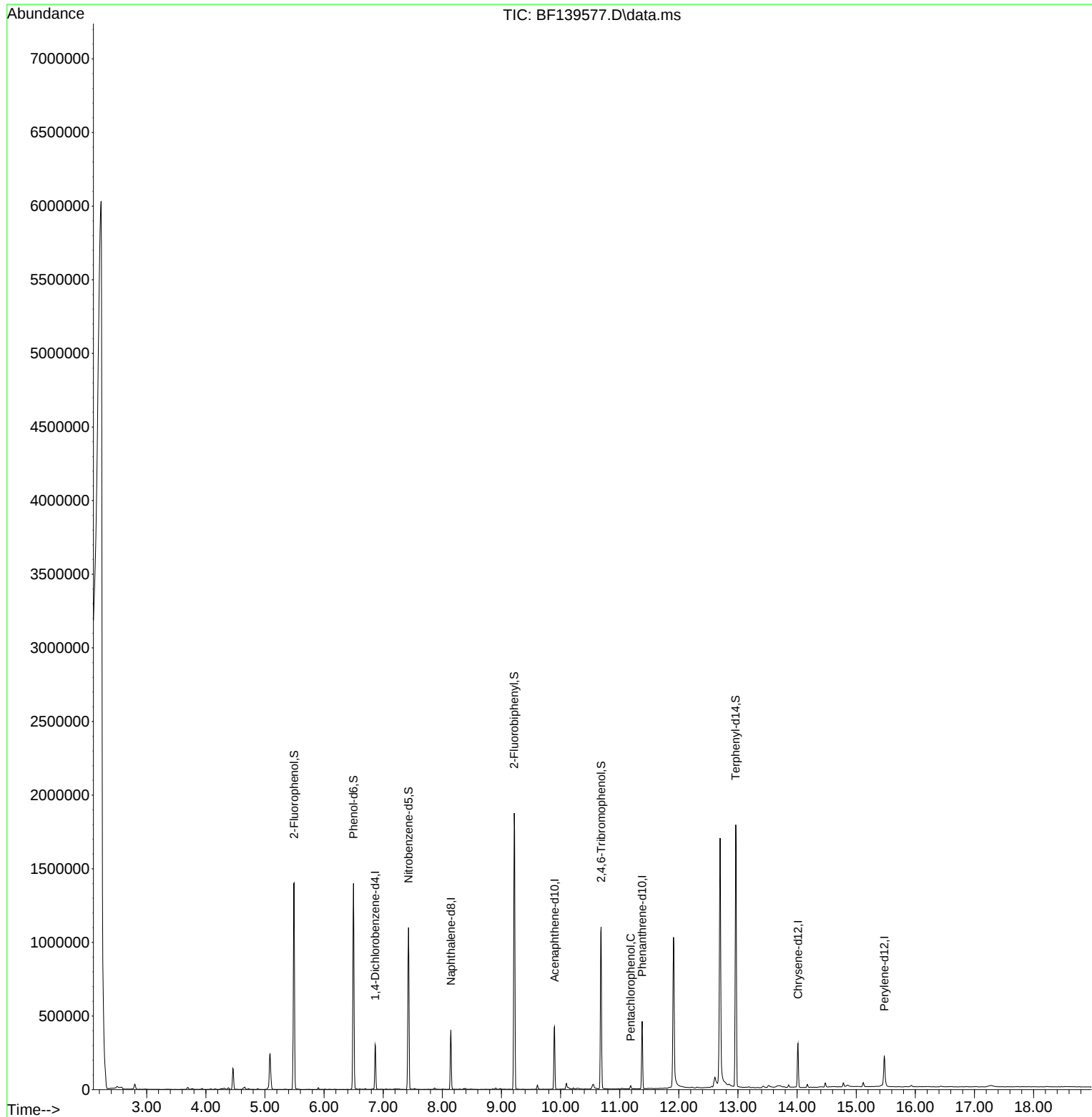
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	61591	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	231289	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	126816	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	234185	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	139781	20.000	ng	#-0.02
86) 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						
70) Pentachlorophenol	11.186	266	3990	2.441	ng	Qvalue 96

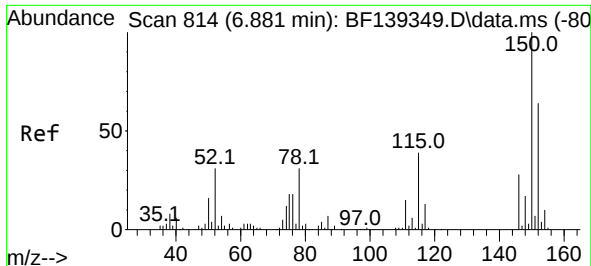
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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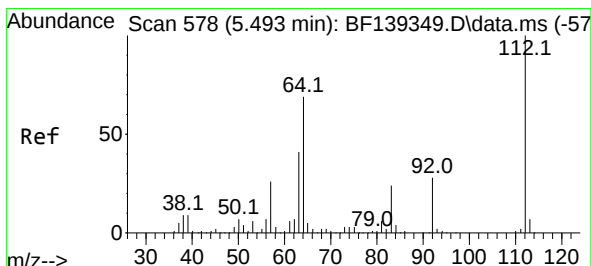
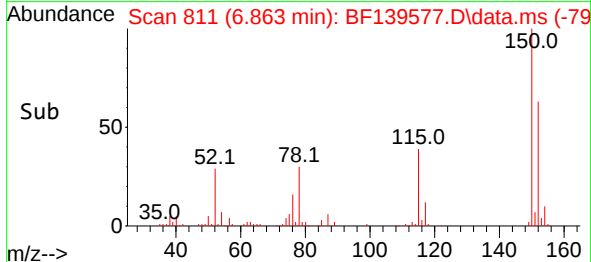
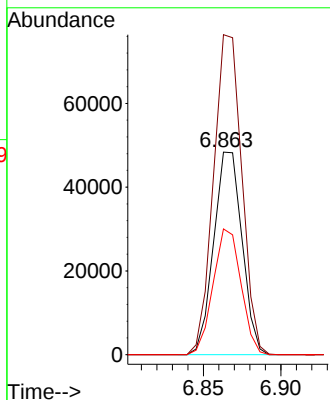
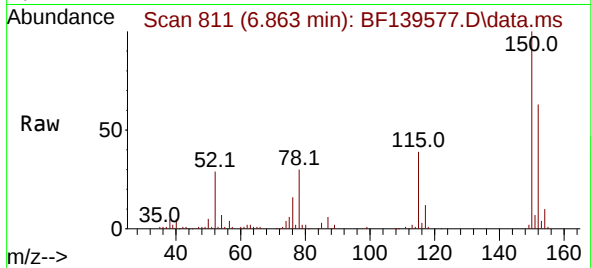




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

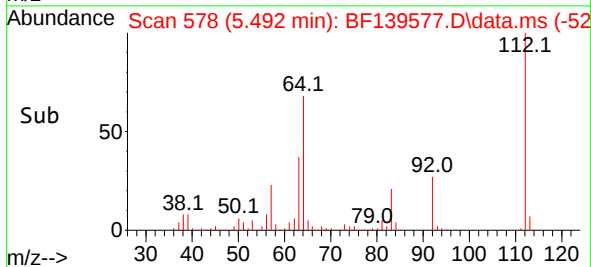
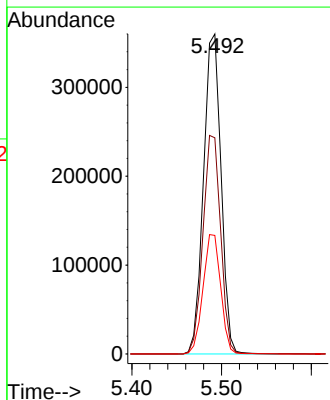
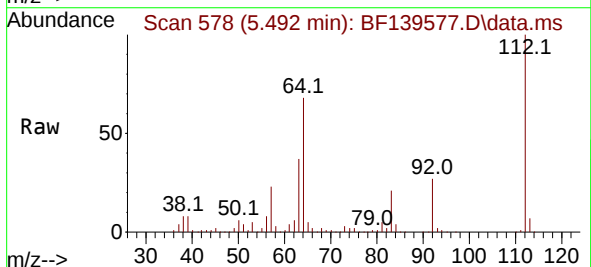
Instrument :
BNA_F
ClientSampleId :
ETGI-355

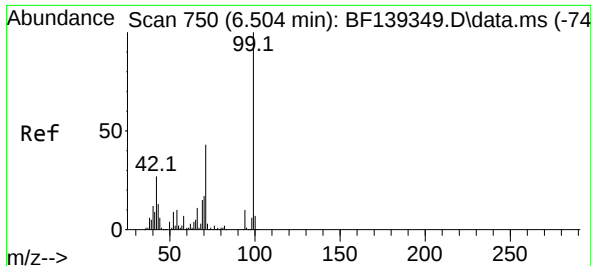
Tgt Ion:152 Resp: 61591
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 62.1 48.1 72.1



#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

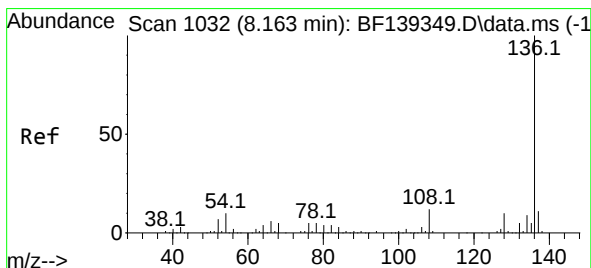
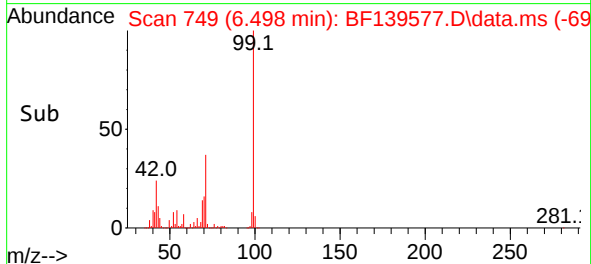
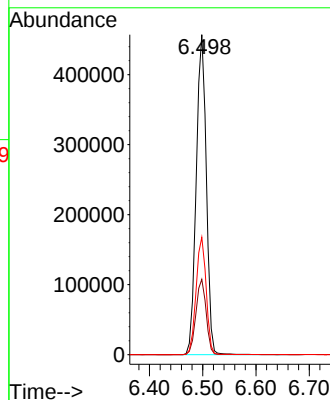
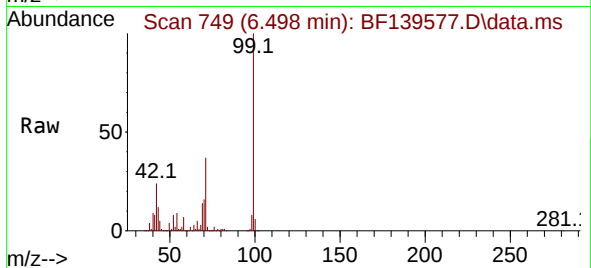




#7
Phenol-d6
Concen: 121.722 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

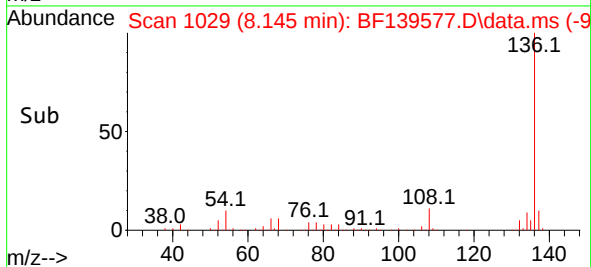
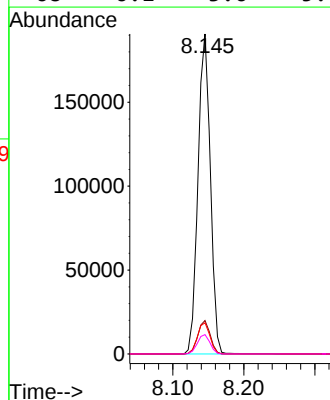
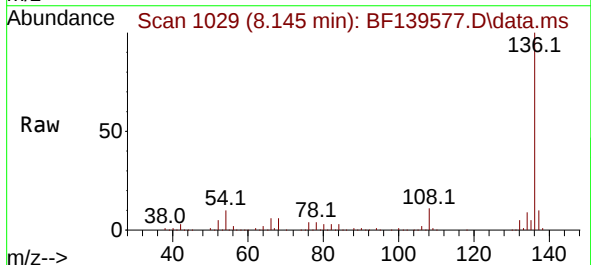
Instrument :
BNA_F
ClientSampleId :
ETGI-355

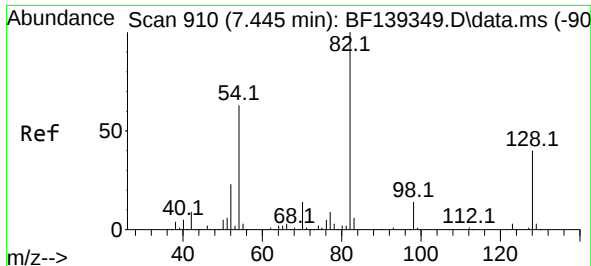
Tgt Ion: 99 Resp: 603200
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 36.7 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

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# 90

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

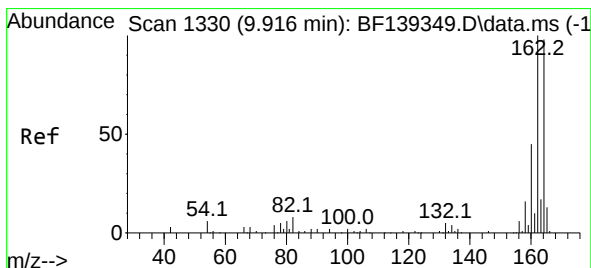
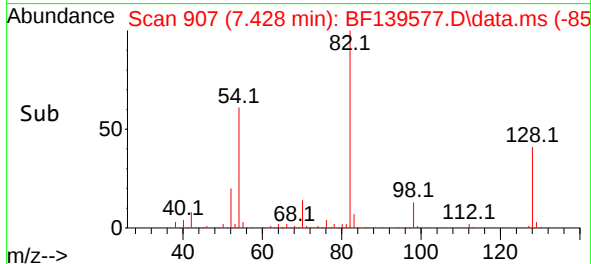
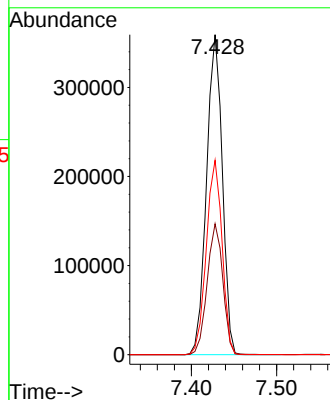
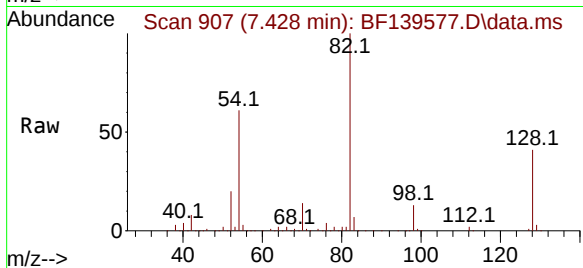
Tgt Ion: 82 Resp: 461280

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 60.8 50.6 75.8



#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

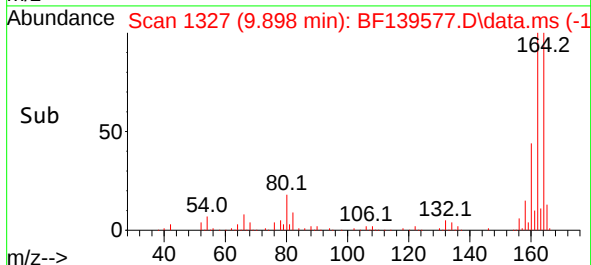
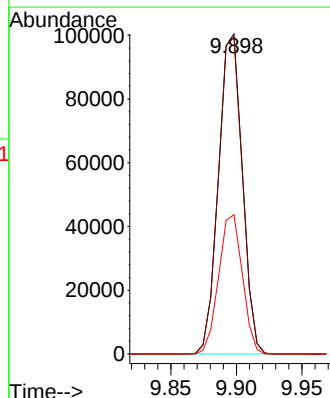
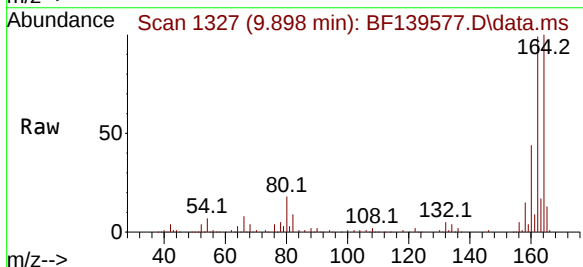
Tgt Ion:164 Resp: 126816

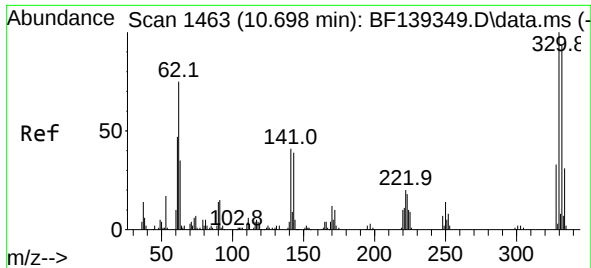
Ion Ratio Lower Upper

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

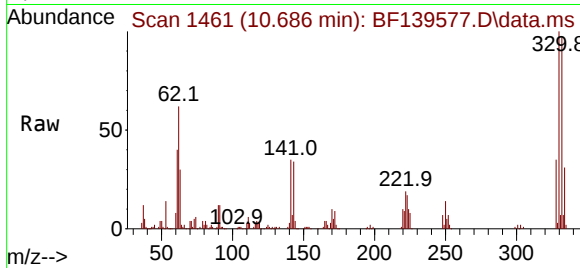
Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355



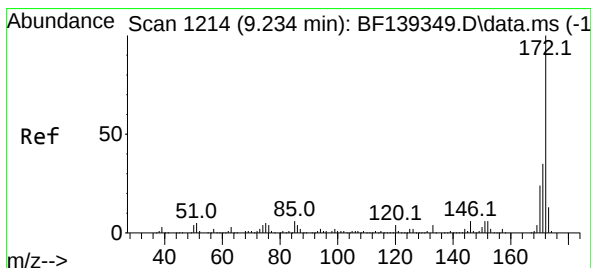
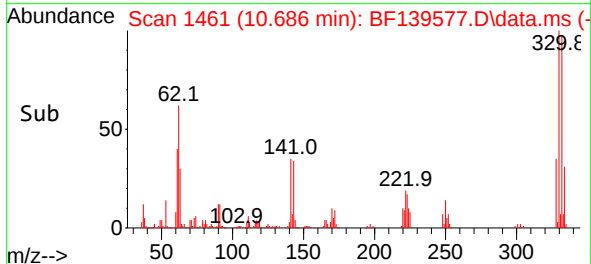
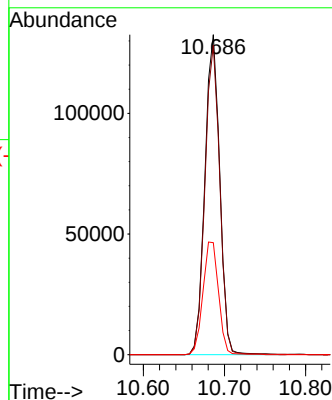
Tgt Ion:330 Resp: 168575

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

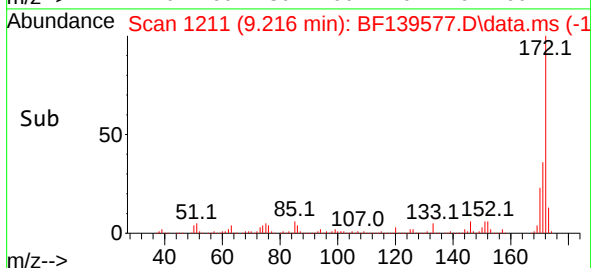
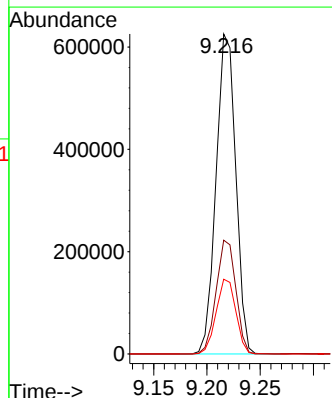
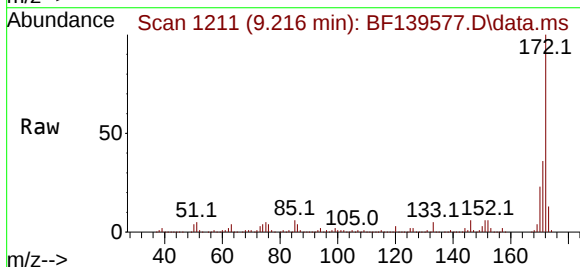
Tgt Ion:172 Resp: 805130

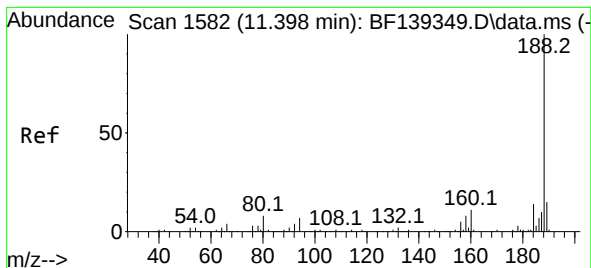
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

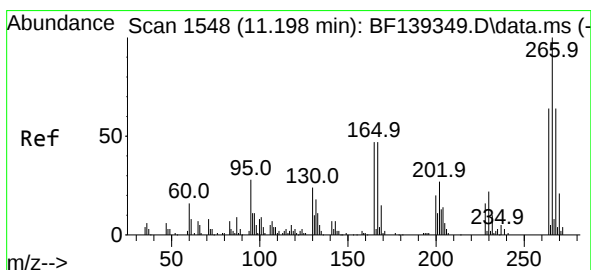
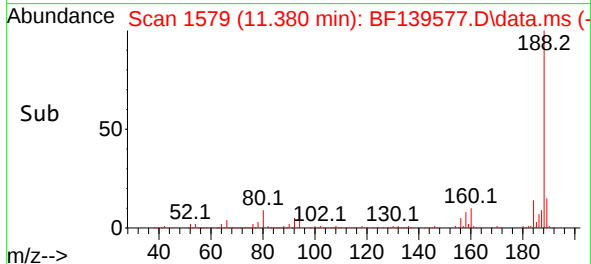
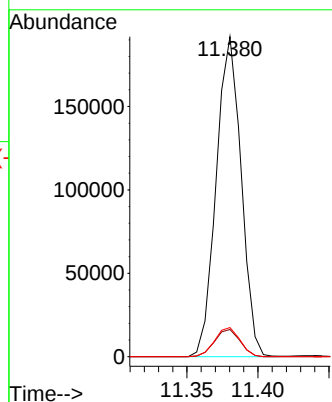
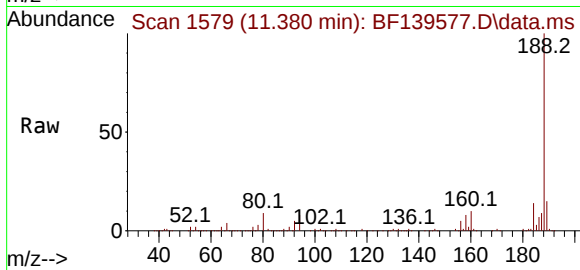
Tgt Ion:188 Resp: 234185

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.1 6.6 9.8



#70

Pentachlorophenol

Concen: 2.441 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.012 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

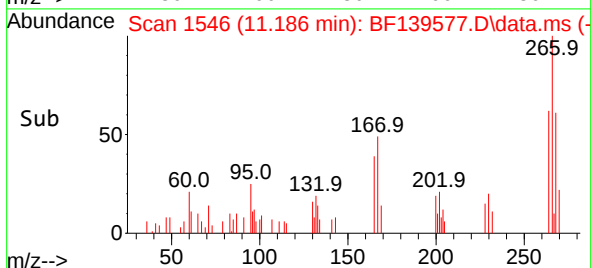
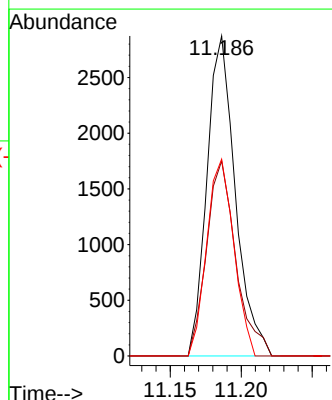
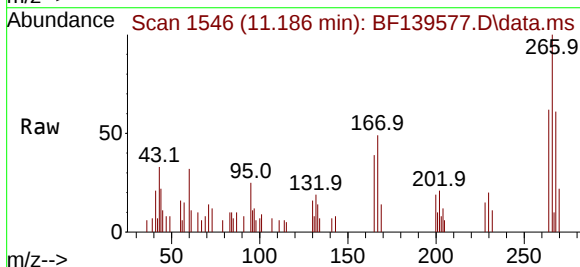
Tgt Ion:266 Resp: 3990

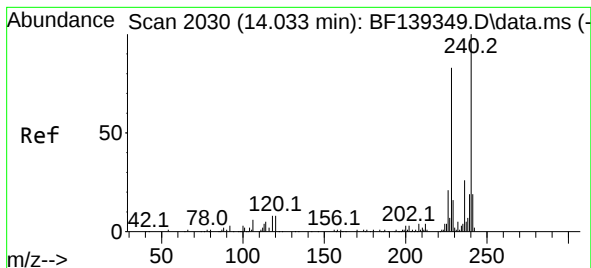
Ion Ratio Lower Upper

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# 2030

Delta R.T. -0.018 min

Lab File: BF139577.D

Acq: 30 Sep 2024 14:32

Instrument :

BNA_F

ClientSampleId :

ETGI-355

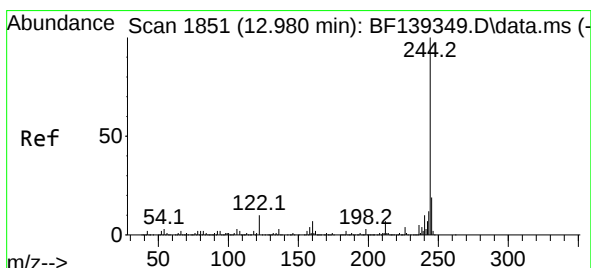
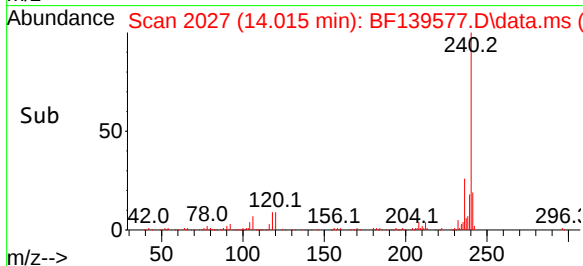
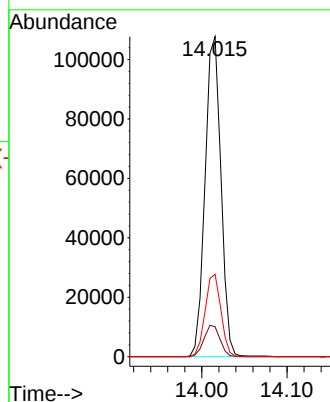
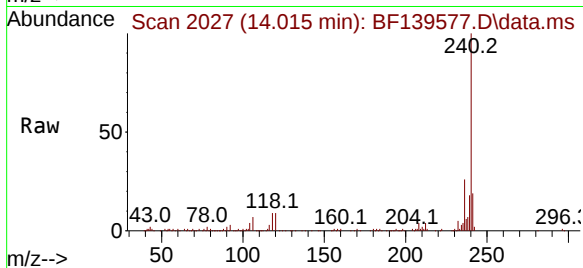
Tgt Ion:240 Resp: 139781

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

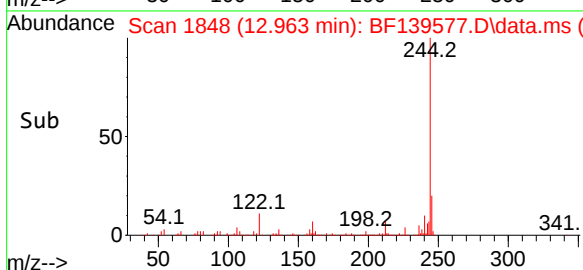
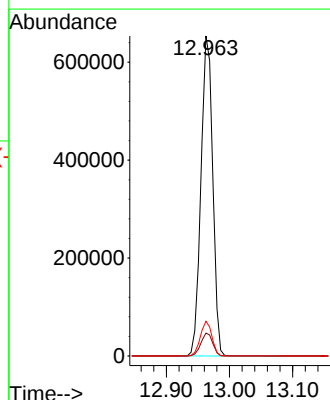
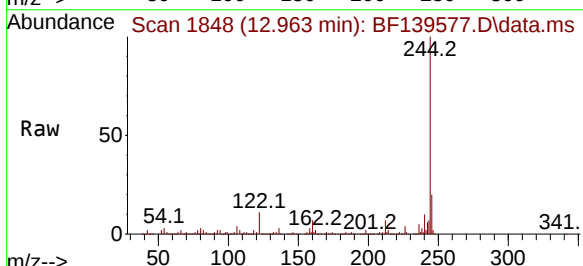
Tgt Ion:244 Resp: 846246

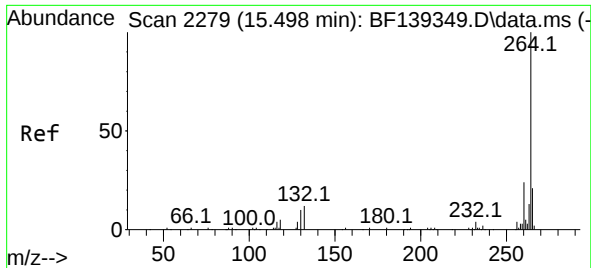
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

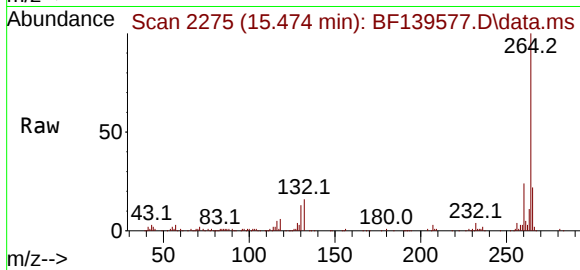
122 10.9 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF139577.D
Acq: 30 Sep 2024 14:32

Instrument :
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ClientSampleId :
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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

