

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140015.D
 Acq On : 24 Oct 2024 22:01
 Operator : RC/JU
 Sample : P4468-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-331

Quant Time: Oct 25 01:09:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

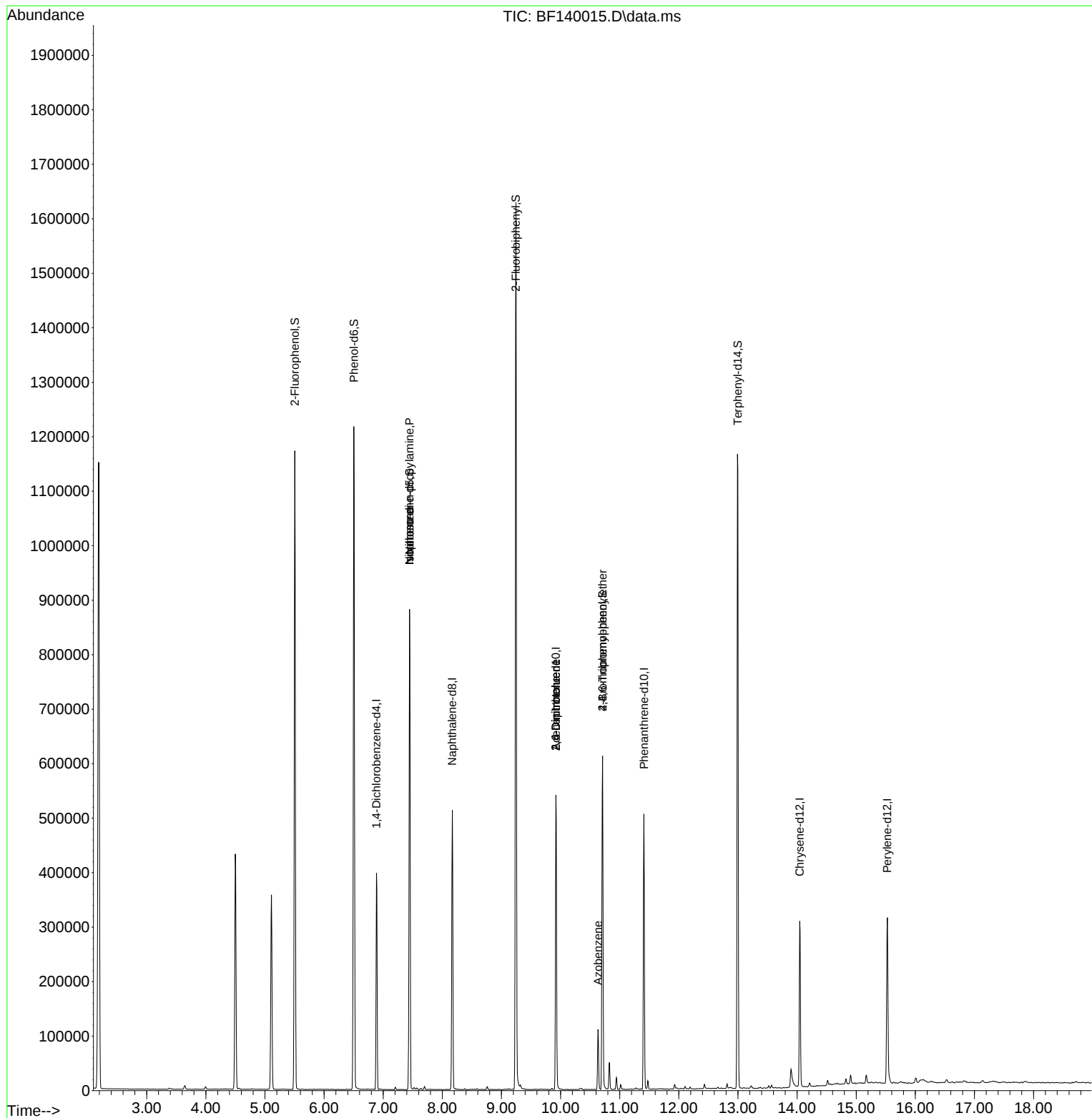
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	79357	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	302148	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162330	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	262634	20.000	ng	0.00
76) Chrysene-d12	14.045	240	149663	20.000	ng	0.00
86) Perylene-d12	15.527	264	185294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	404136	79.725	ng	0.00
7) Phenol-d6	6.504	99	543159	82.731	ng	0.00
23) Nitrobenzene-d5	7.445	82	378880	69.499	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	101190	66.643	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	725051	73.818	ng	0.00
79) Terphenyl-d14	12.998	244	589281	64.159	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	52019	13.064	ng	# 77
25) Isophorone	7.445	82	376324	36.370	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	20117	9.189	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	20117	7.472	ng	# 21
63) Azobenzene	10.633	77	28523	2.710	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	6635	2.452	ng	# 1

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

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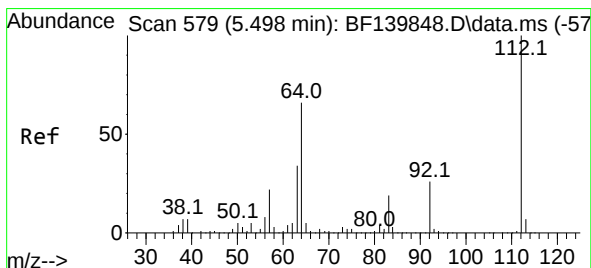
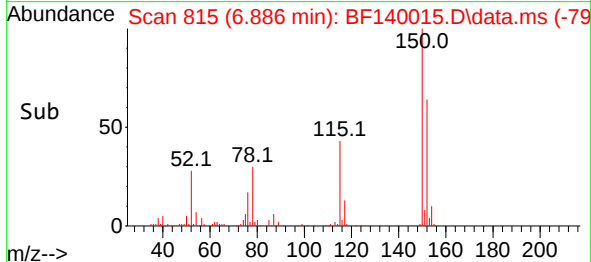
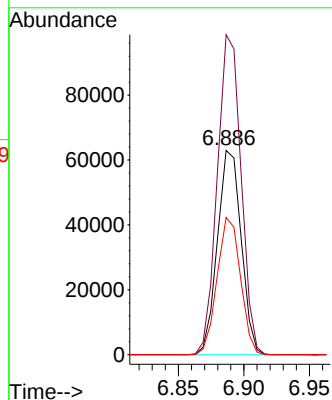
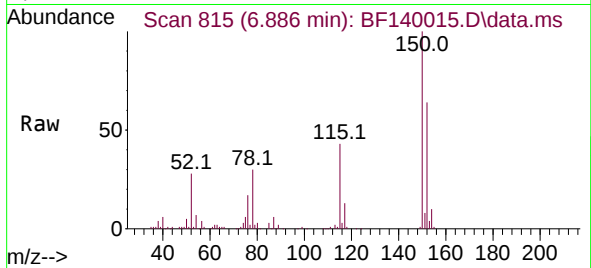




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

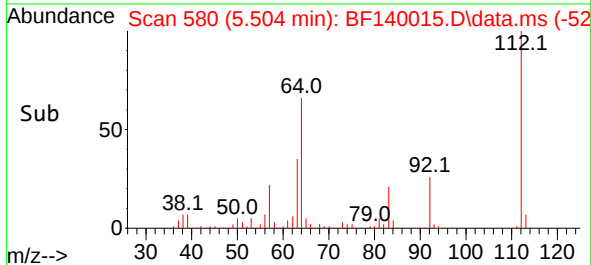
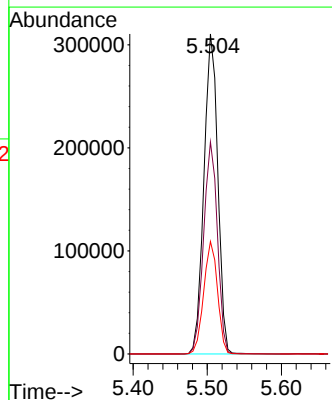
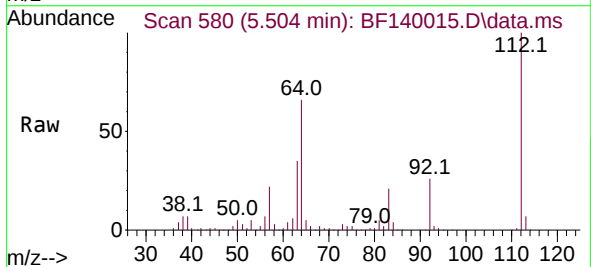
Instrument :
BNA_F
ClientSampleId :
ETGI-331

Tgt Ion:152 Resp: 79357
Ion Ratio Lower Upper
152 100
150 156.6 130.2 195.2
115 67.2 51.4 77.2



#5
2-Fluorophenol
Concen: 79.725 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

Tgt Ion:112 Resp: 404136
Ion Ratio Lower Upper
112 100
64 66.2 53.0 79.6
63 35.2 27.0 40.4

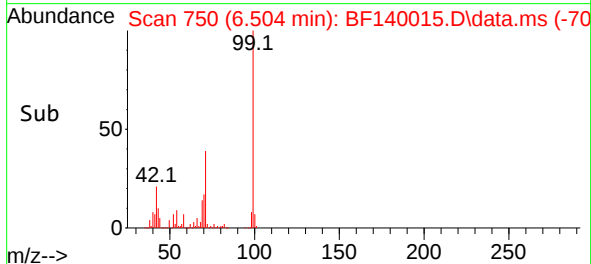
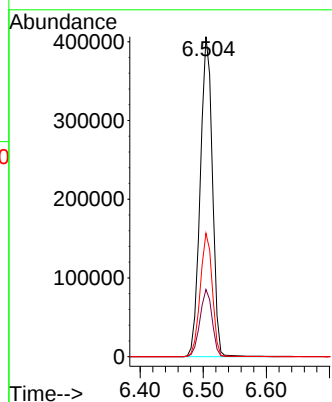
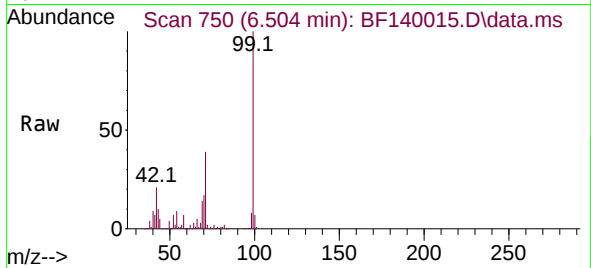




#7
Phenol-d6
Concen: 82.731 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

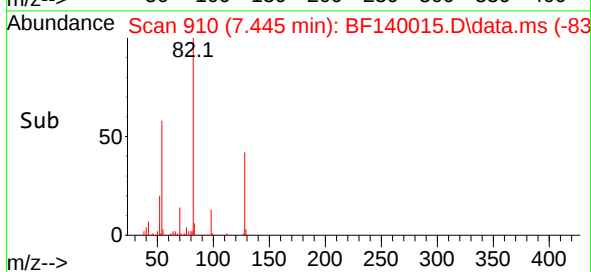
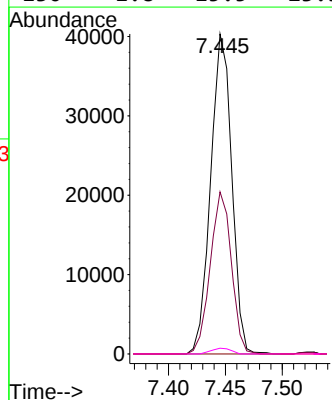
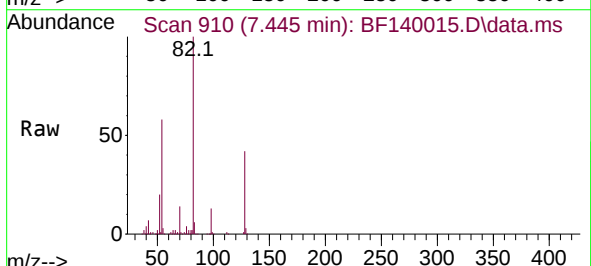
Instrument :
BNA_F
ClientSampleId :
ETGI-331

Tgt Ion: 99 Resp: 543159
Ion Ratio Lower Upper
99 100
42 21.0 16.7 25.1
71 38.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.064 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

Tgt Ion: 70 Resp: 52019
Ion Ratio Lower Upper
70 100
42 50.7 51.5 77.3#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

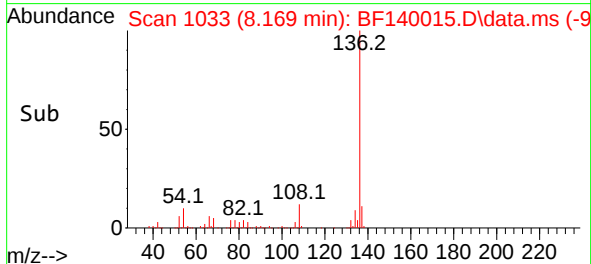
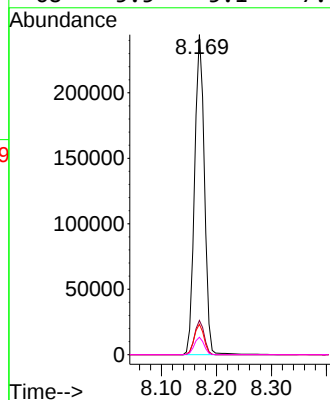
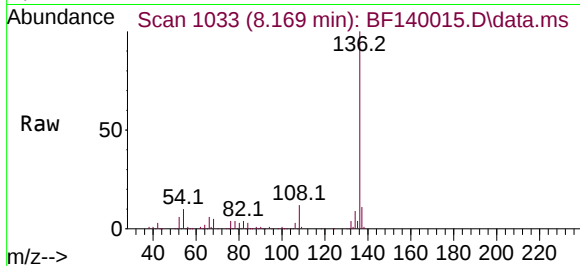




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

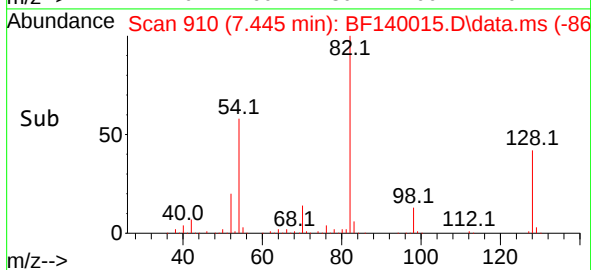
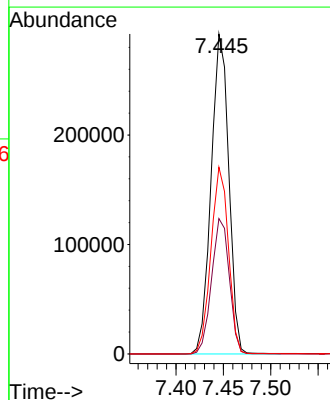
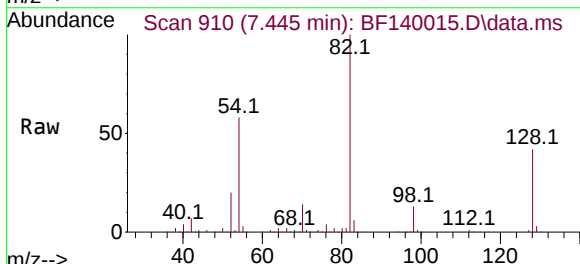
Instrument :
BNA_F
ClientSampleId :
ETGI-331

Tgt Ion:136 Resp: 302148
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.5 8.4 12.6
68 5.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 69.499 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

Tgt Ion: 82 Resp: 378880
Ion Ratio Lower Upper
82 100
128 42.3 33.4 50.0
54 58.4 47.8 71.8

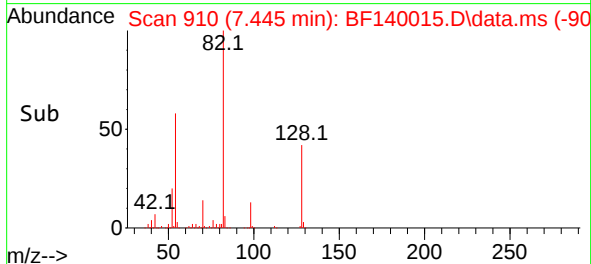
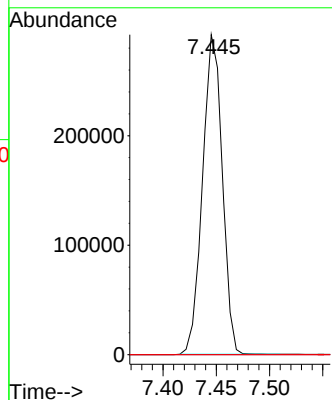
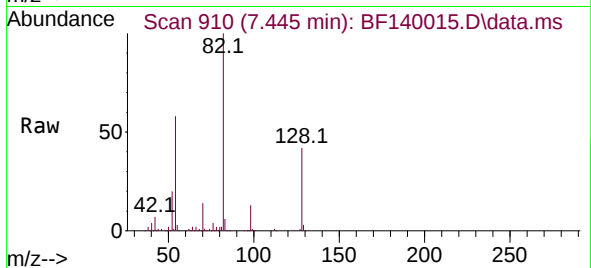




#25
Isophorone
Concen: 36.370 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

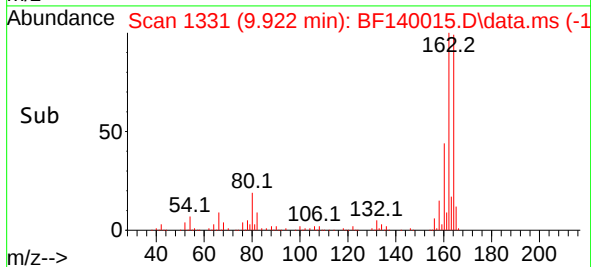
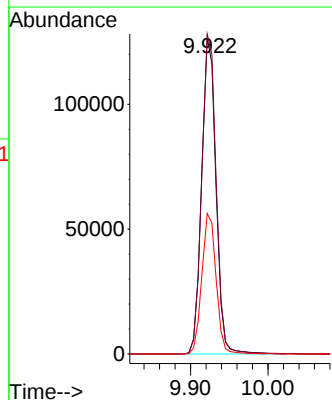
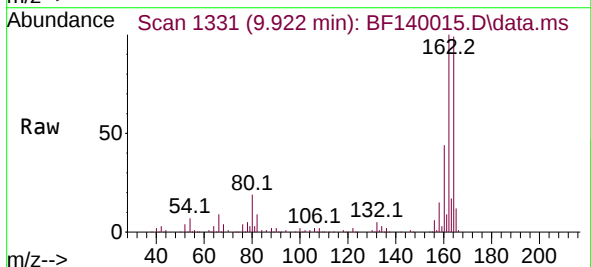
Instrument :
BNA_F
ClientSampleId :
ETGI-331

Tgt Ion: 82 Resp: 376324
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

Tgt Ion:164 Resp: 162330
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 66.643 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140015.D

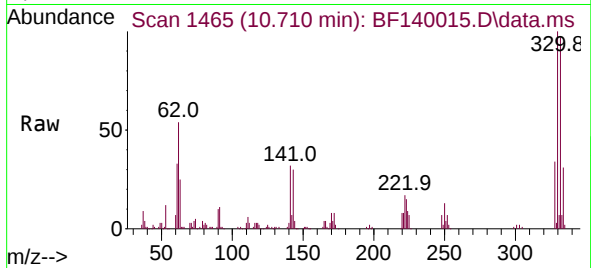
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Instrument :

BNA_F

ClientSampleId :

ETGI-331



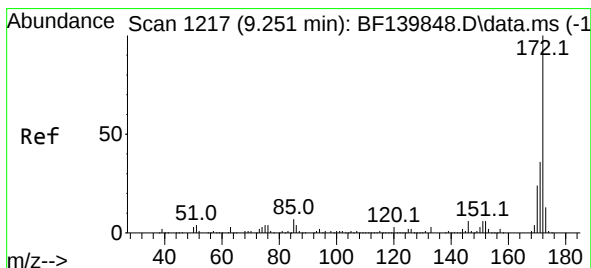
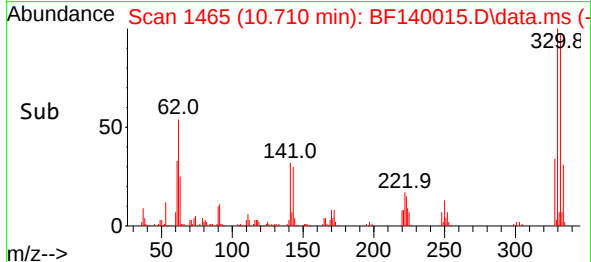
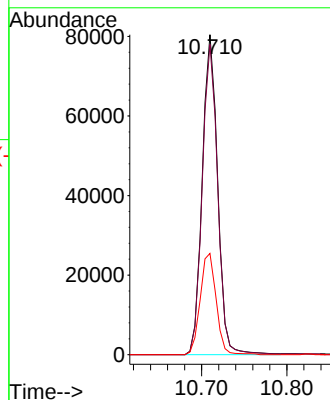
Tgt Ion:330 Resp: 101190

Ion Ratio Lower Upper

330 100

332 97.1 78.1 117.1

141 32.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 73.818 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140015.D

Acq: 24 Oct 2024 22:01

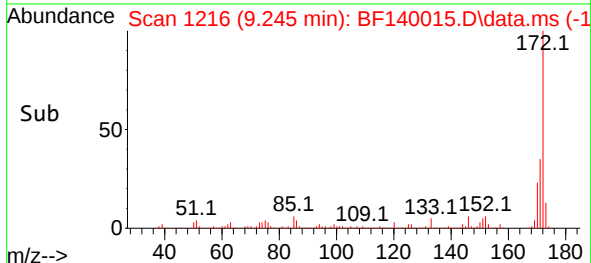
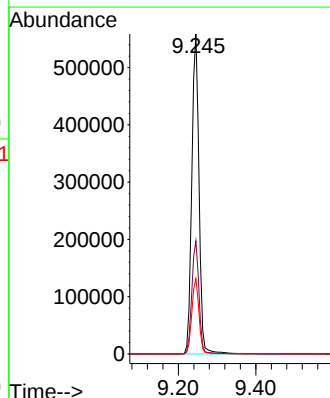
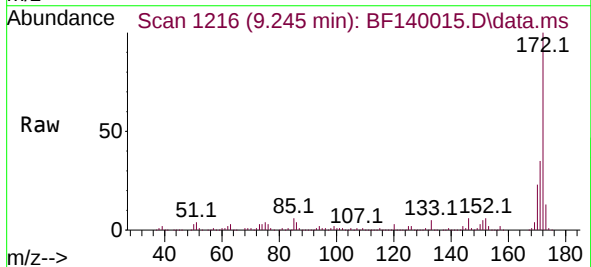
Tgt Ion:172 Resp: 725051

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.5 19.1 28.7

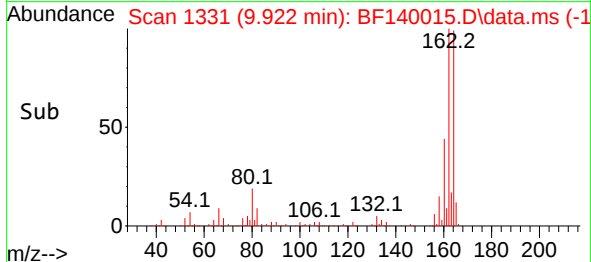
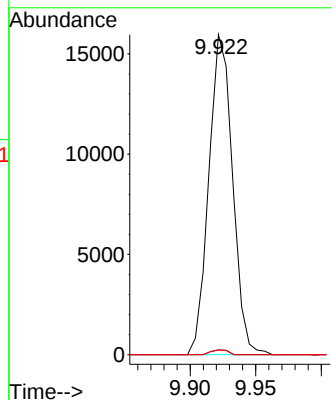
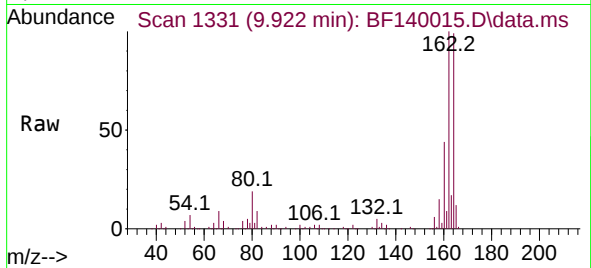




#51
2,6-Dinitrotoluene
Concen: 9.189 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

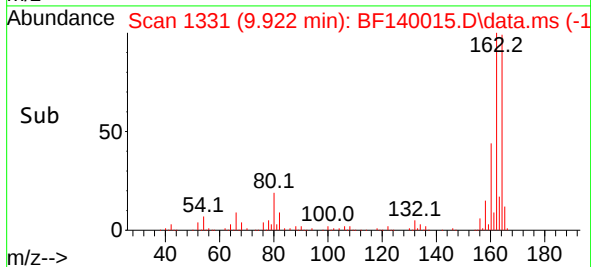
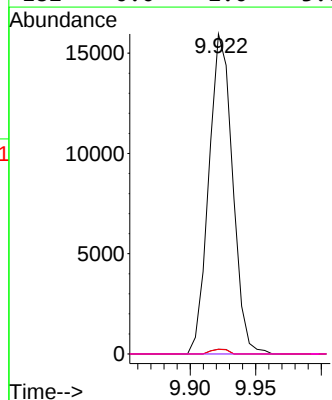
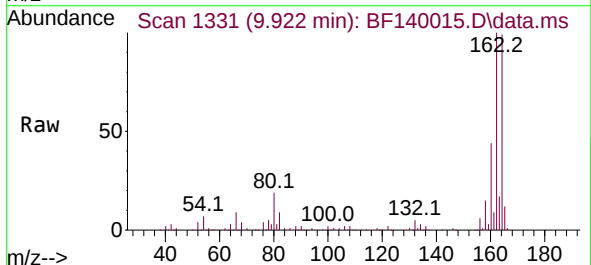
Instrument :
BNA_F
ClientSampleId :
ETGI-331

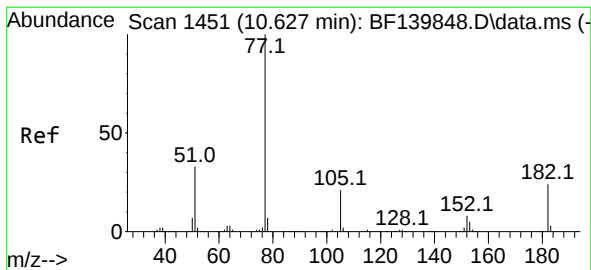
Tgt Ion:165 Resp: 20117
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.5 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.472 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

Tgt Ion:165 Resp: 20117
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 1.5 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.710 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140015.D

Acq: 24 Oct 2024 22:01

Instrument :

BNA_F

ClientSampleId :

ETGI-331

Tgt Ion: 77 Resp: 28523

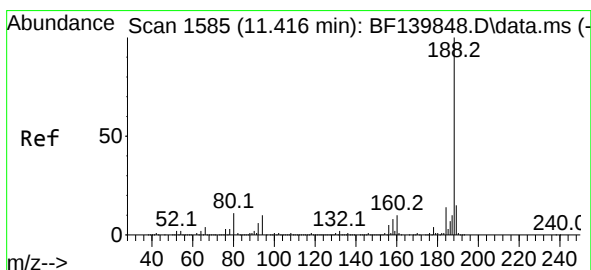
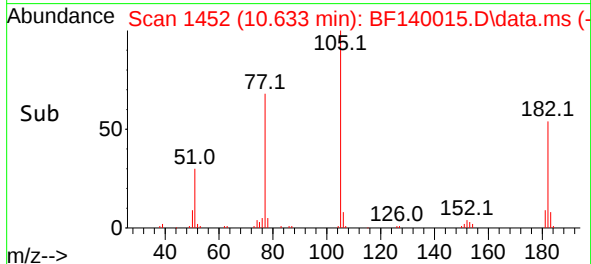
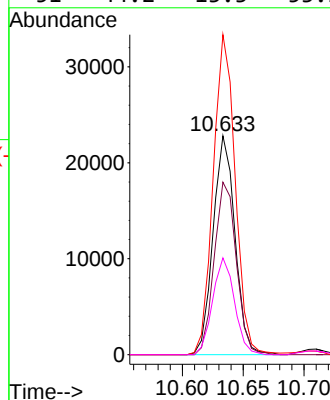
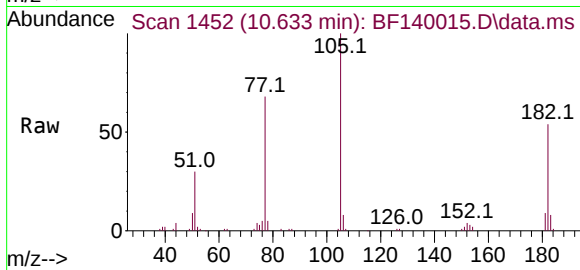
Ion Ratio Lower Upper

77 100

182 78.8 3.3 43.3#

105 146.2 1.2 41.2#

51 44.2 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140015.D

Acq: 24 Oct 2024 22:01

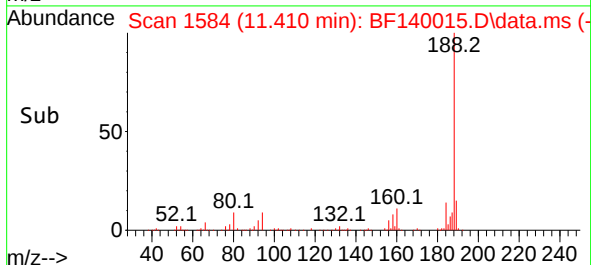
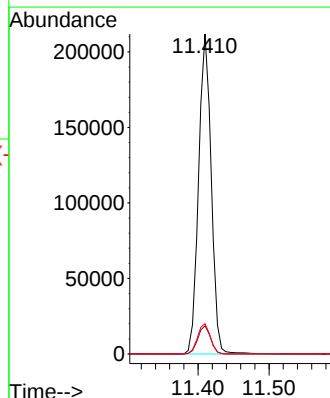
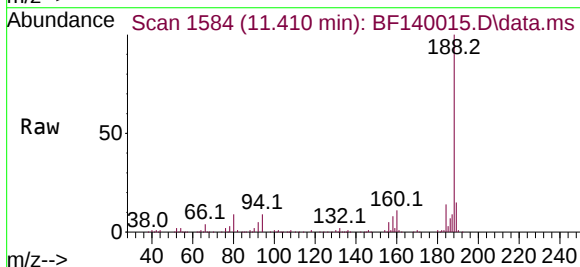
Tgt Ion: 188 Resp: 262634

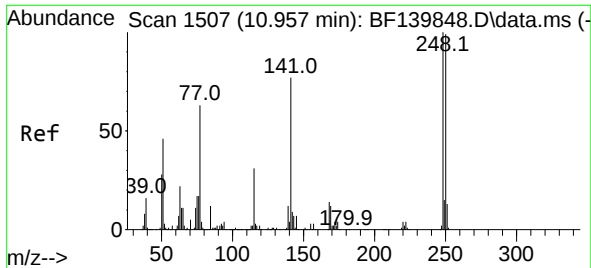
Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

80 9.5 9.0 13.4

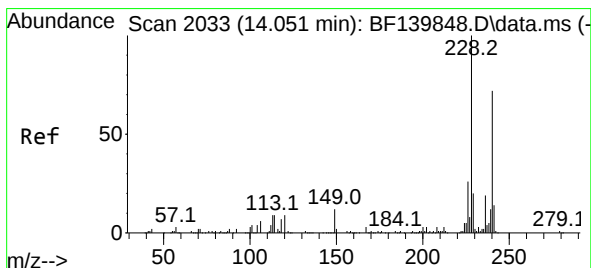
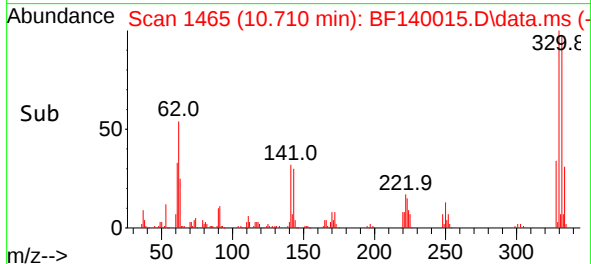
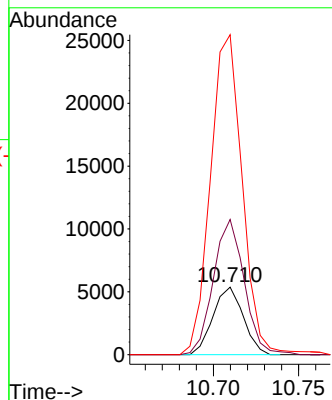
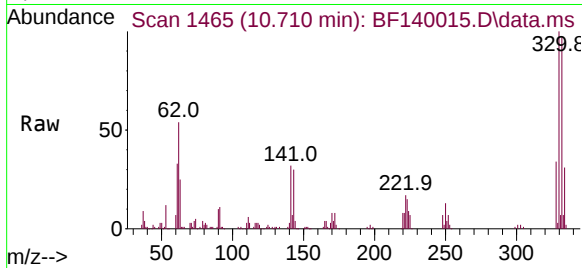




#67
4-Bromophenyl-phenylether
Concen: 2.452 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

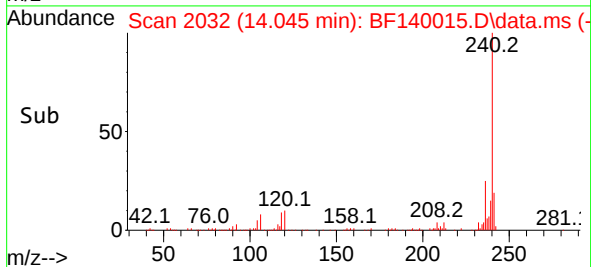
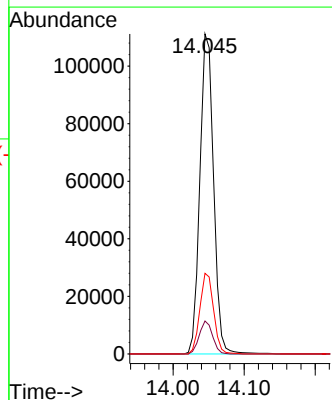
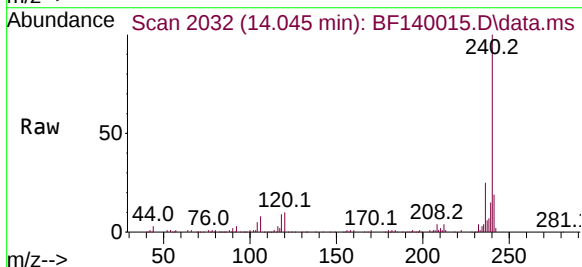
Instrument :
BNA_F
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ETGI-331

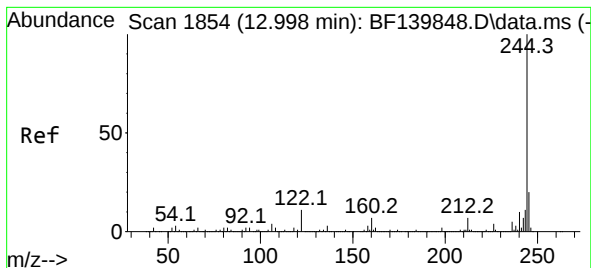
Tgt Ion:248 Resp: 6635
Ion Ratio Lower Upper
248 100
250 200.0 79.0 118.6#
141 473.4 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140015.D
Acq: 24 Oct 2024 22:01

Tgt Ion:240 Resp: 149663
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 64.159 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140015.D

Acq: 24 Oct 2024 22:01

Instrument :

BNA_F

ClientSampleId :

ETGI-331

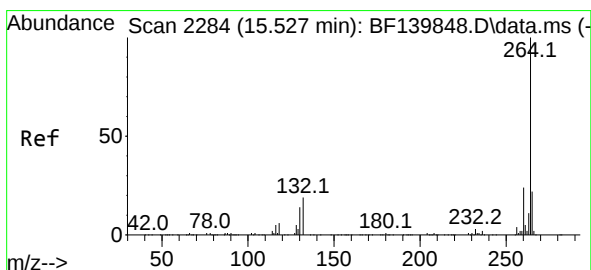
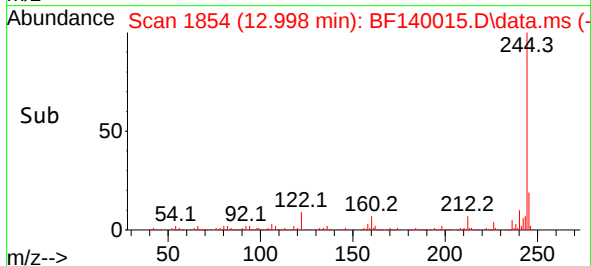
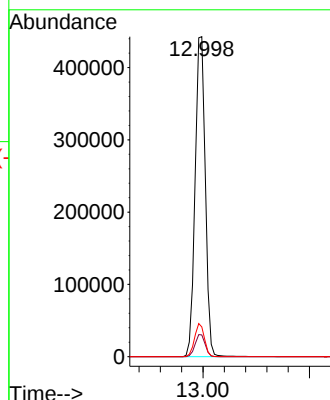
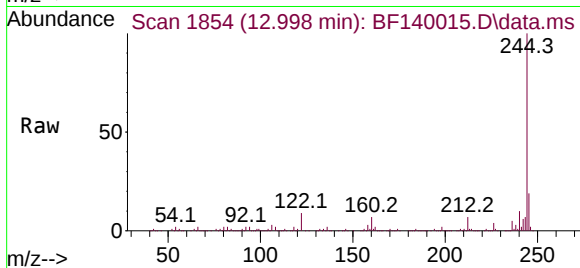
Tgt Ion:244 Resp: 589281

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.3 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140015.D

Acq: 24 Oct 2024 22:01

Tgt Ion:264 Resp: 185294

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.3 17.4 26.0

