

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139980.D
 Acq On : 23 Oct 2024 22:46
 Operator : RC/JU
 Sample : P4468-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-345

Quant Time: Oct 24 01:13:40 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)

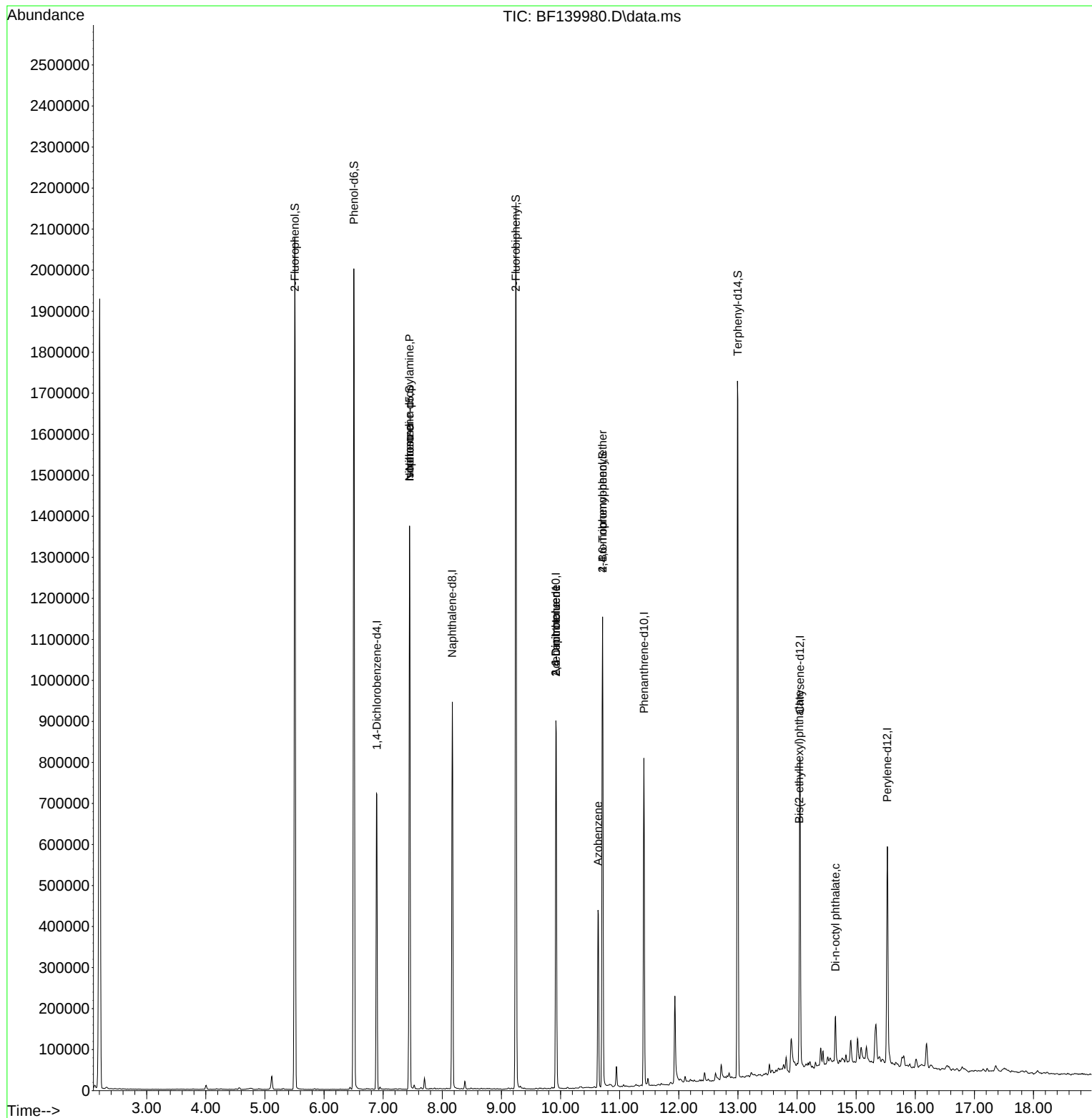
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	152208	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	559714	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	276594	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	414075	20.000	ng	0.00
76) Chrysene-d12	14.051	240	346194	20.000	ng	0.00
86) Perylene-d12	15.527	264	313337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	762596	78.434	ng	0.00
7) Phenol-d6	6.504	99	945601	75.092	ng	0.00
23) Nitrobenzene-d5	7.445	82	592820	58.702	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192300	74.328	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	964784	57.648	ng	0.00
79) Terphenyl-d14	12.998	244	862511	40.597	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	78746	10.311	ng	# 78
25) Isophorone	7.445	82	589761	30.769	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	35766	9.588	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	35766	7.797	ng	# 21
63) Azobenzene	10.634	77	112365	6.266	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	12692	2.975	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	36251	3.556	ng	# 59
85) Di-n-octyl phthalate	14.651	149	79787	4.304	ng	# 97

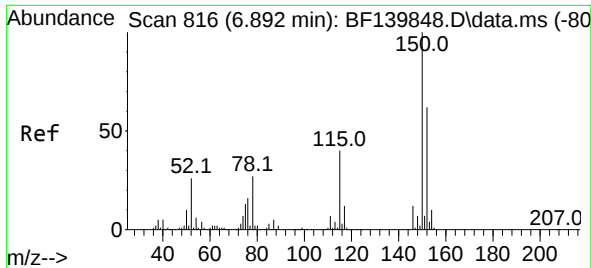
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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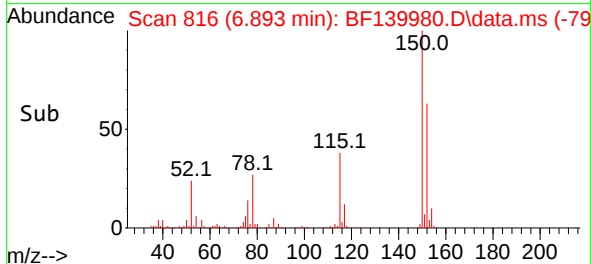
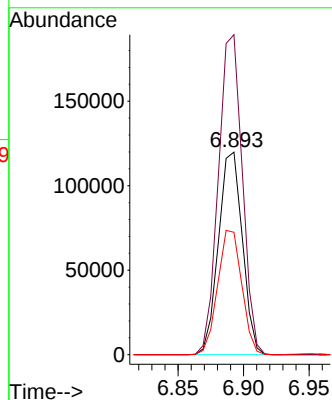
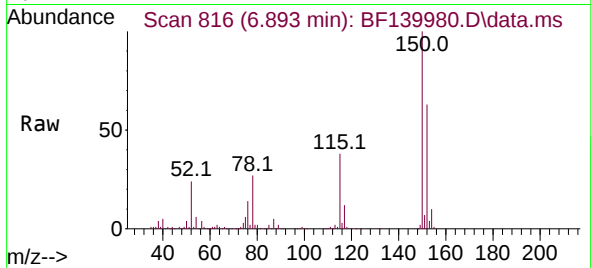




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

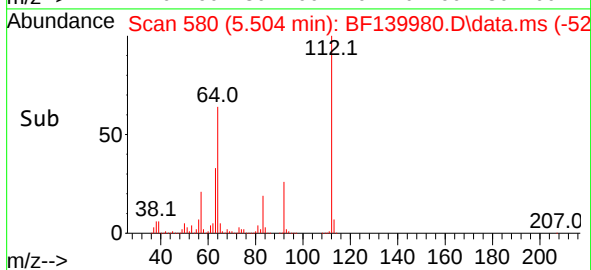
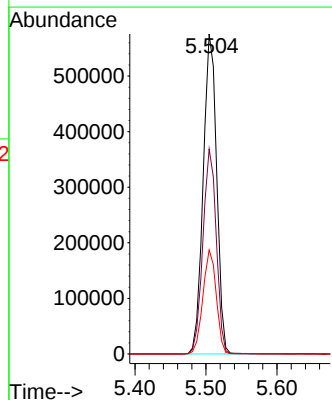
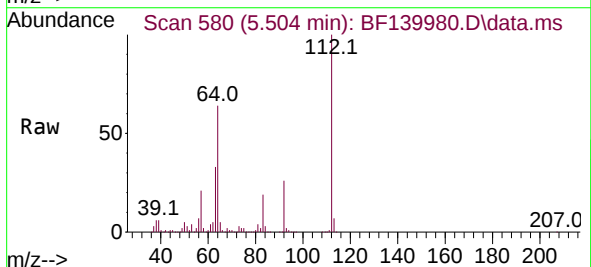
Instrument :
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ClientSampleId :
ETGI-345

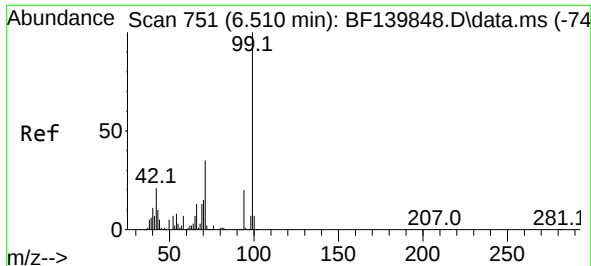
Tgt Ion:152 Resp: 152208
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 60.4 51.4 77.2



#5
2-Fluorophenol
Concen: 78.434 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion:112 Resp: 762596
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 32.5 27.0 40.4





#7
Phenol-d6
Concen: 75.092 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

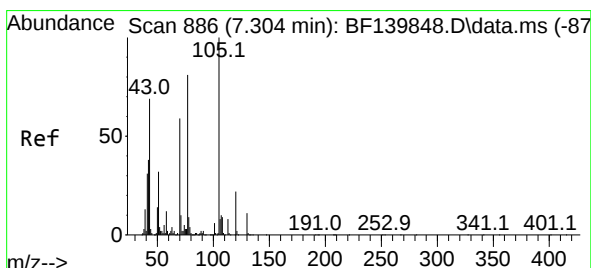
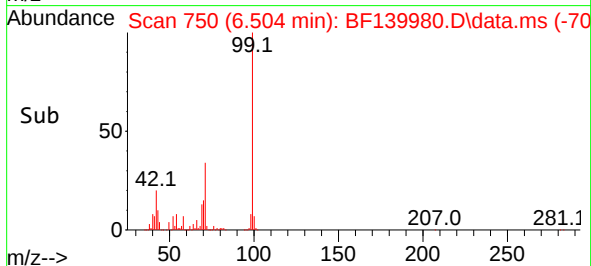
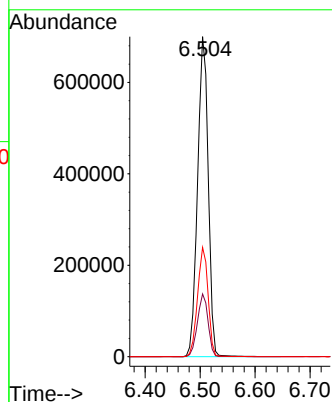
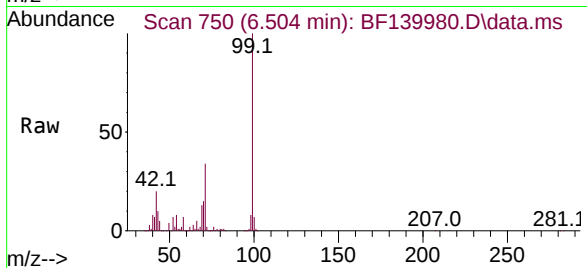
Instrument :

BNA_F

ClientSampleId :

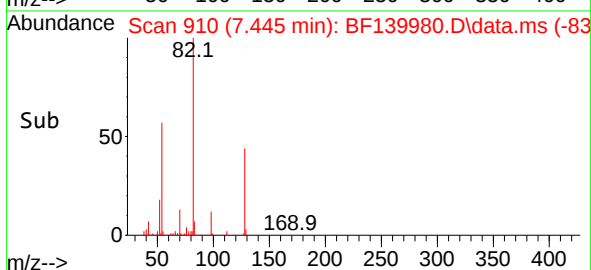
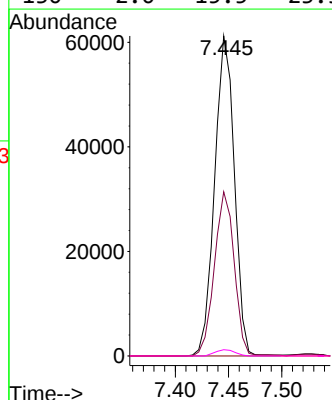
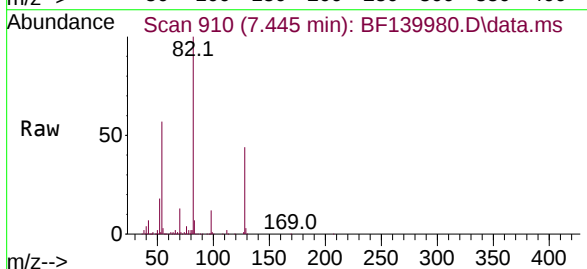
ETGI-345

Tgt Ion: 99 Resp: 945601
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.311 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion: 70 Resp: 78746
Ion Ratio Lower Upper
70 100
42 51.3 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

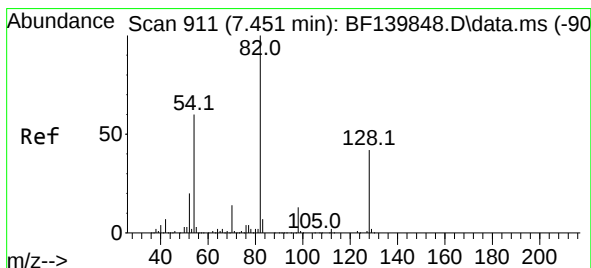
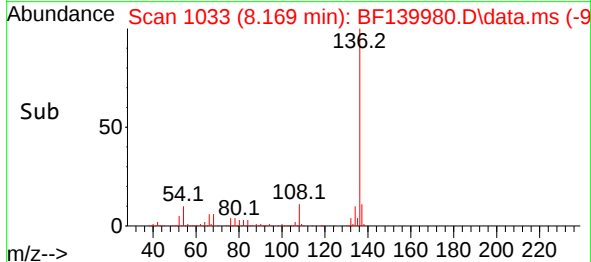
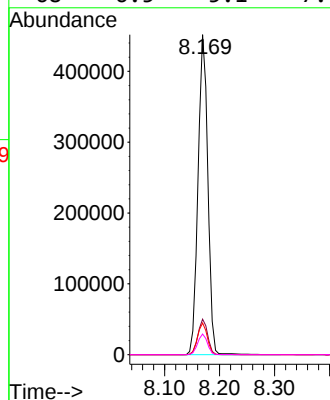
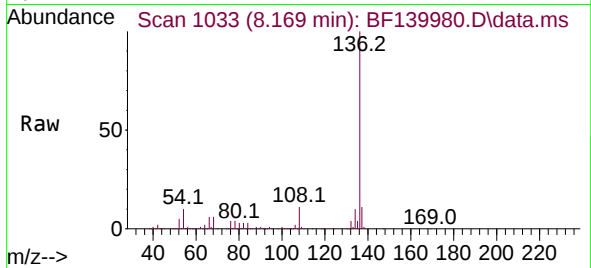




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

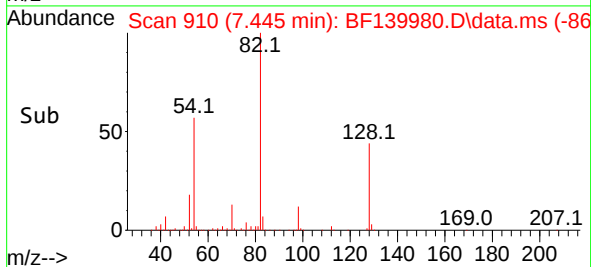
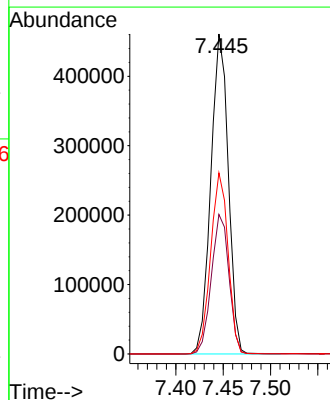
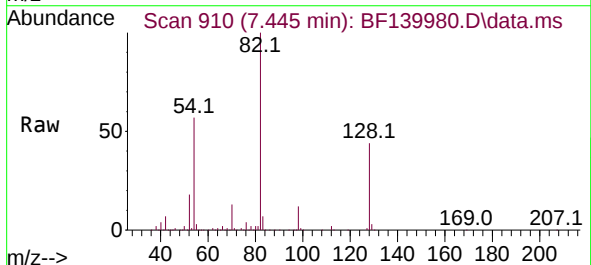
Instrument :
BNA_F
ClientSampleId :
ETGI-345

Tgt Ion:136 Resp: 559714
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.9 8.4 12.6
68 6.5 5.1 7.7



#23
Nitrobenzene-d5
Concen: 58.702 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion: 82 Resp: 592820
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.0
54 56.6 47.8 71.8

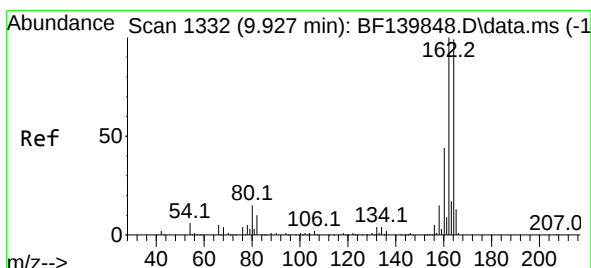
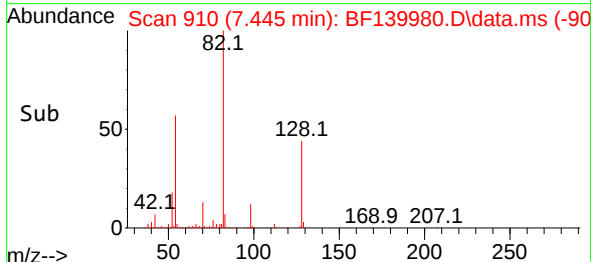
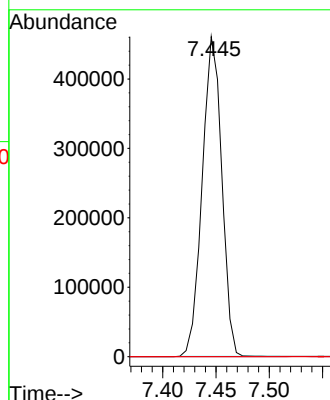
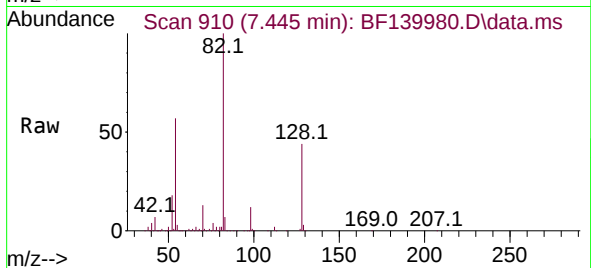




#25
Isophorone
Concen: 30.769 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

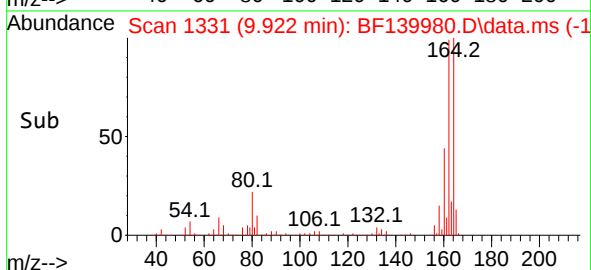
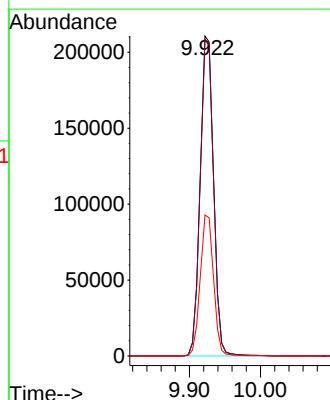
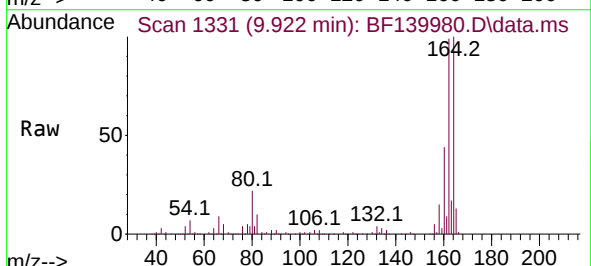
Instrument :
BNA_F
ClientSampleId :
ETGI-345

Tgt Ion: 82 Resp: 589761
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: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion: 164 Resp: 276594
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.4
160 44.0 35.4 53.0

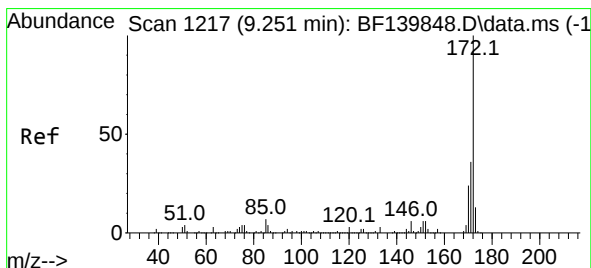
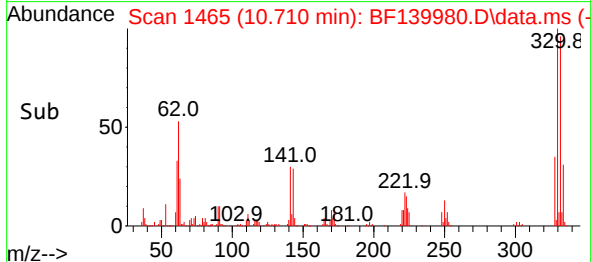
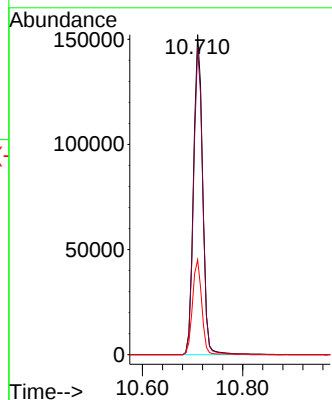
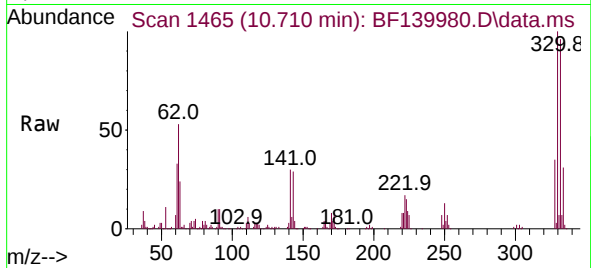




#42
2,4,6-Tribromophenol
Concen: 74.328 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

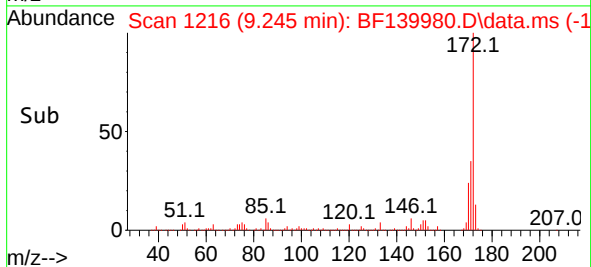
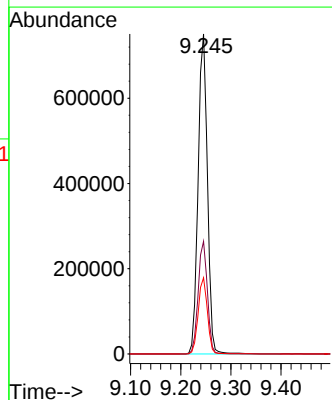
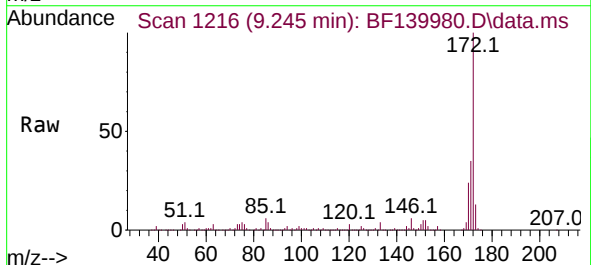
Instrument :
BNA_F
ClientSampleId :
ETGI-345

Tgt Ion:330 Resp: 192300
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 29.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 57.648 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion:172 Resp: 964784
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 19.1 28.7

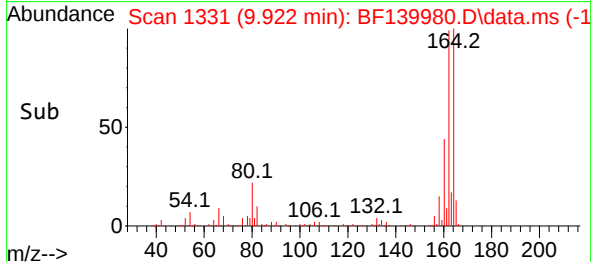
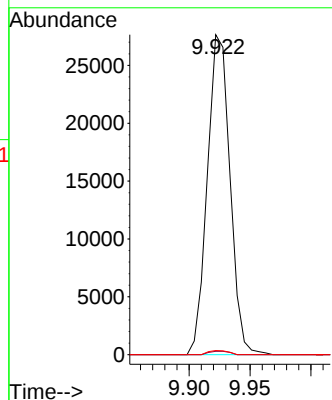
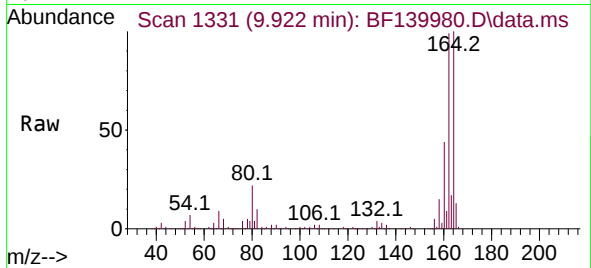




#51
2,6-Dinitrotoluene
Concen: 9.588 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

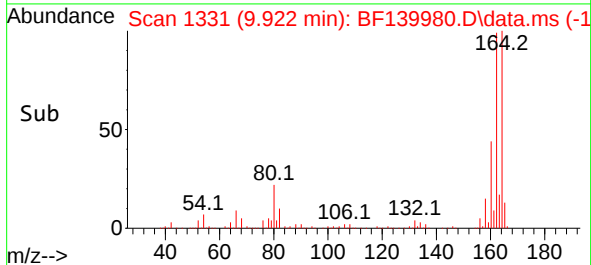
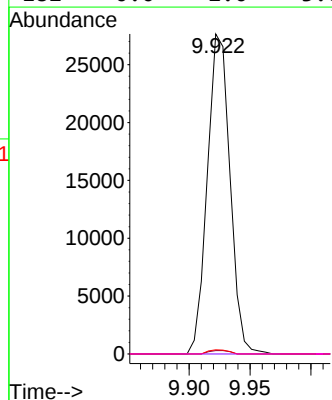
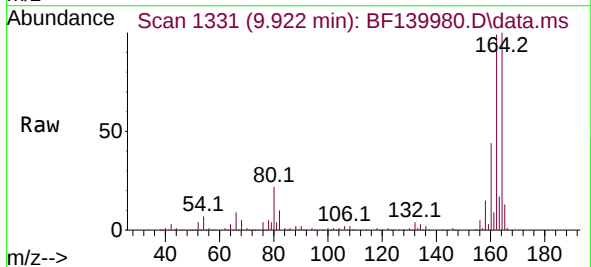
Instrument :
BNA_F
ClientSampleId :
ETGI-345

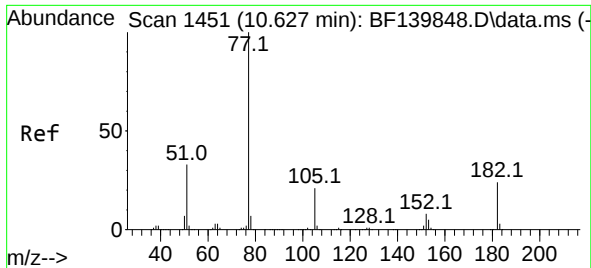
Tgt Ion:165 Resp: 35766
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.797 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion:165 Resp: 35766
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#

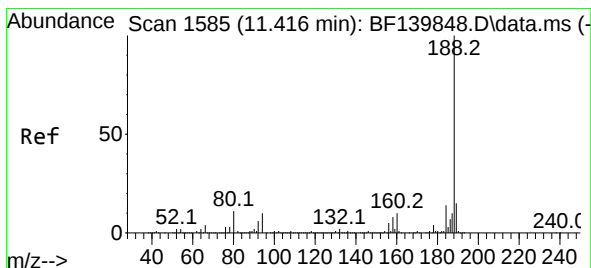
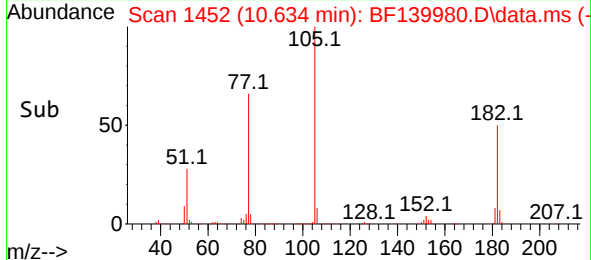
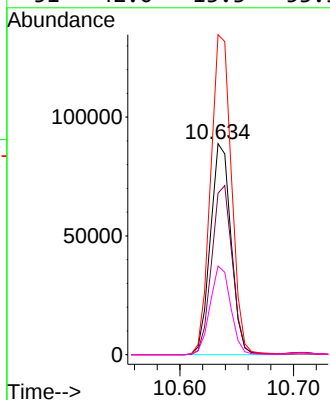
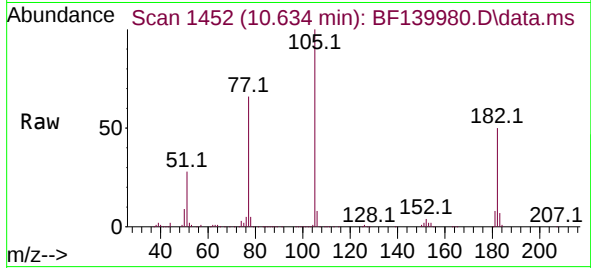




#63
Azobenzene
Concen: 6.266 ng
RT: 10.634 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

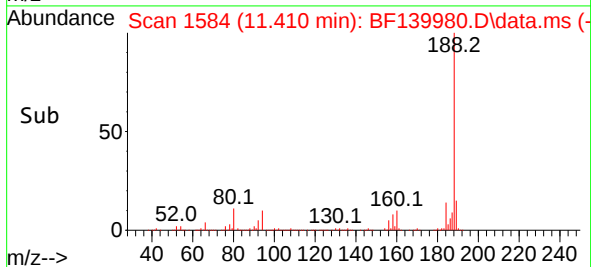
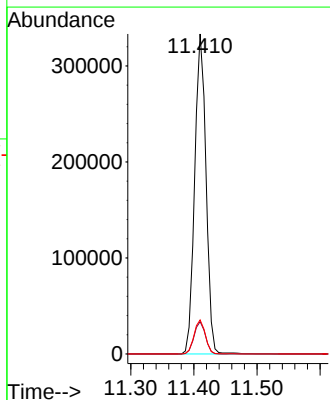
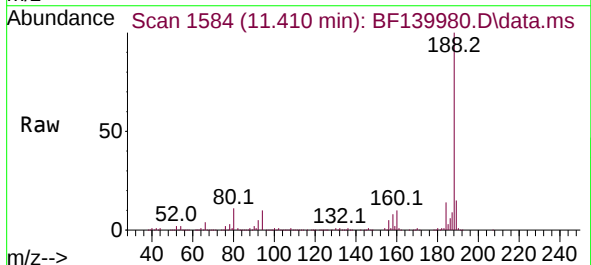
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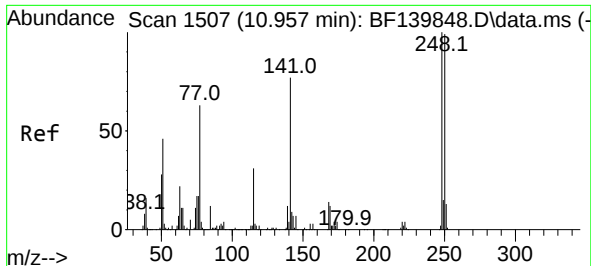
Tgt Ion: 77	Resp: 112365
Ion Ratio	Lower Upper
77 100	
182 76.5	3.3 43.3#
105 151.6	1.2 41.2#
51 42.0	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion: 188	Resp: 414075
Ion Ratio	Lower Upper
188 100	
94 10.1	7.9 11.9
80 10.7	9.0 13.4

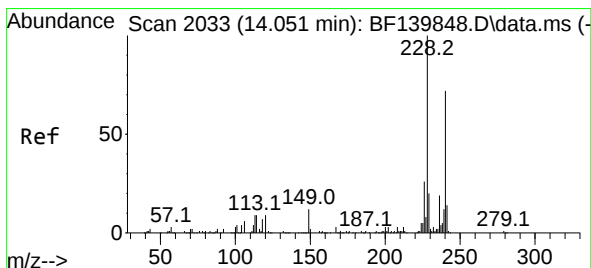
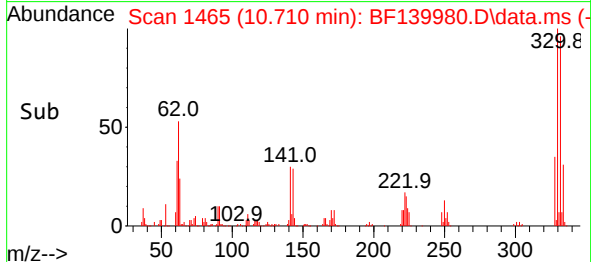
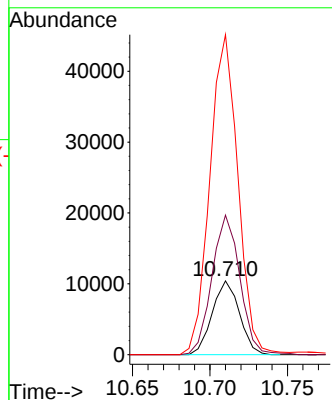
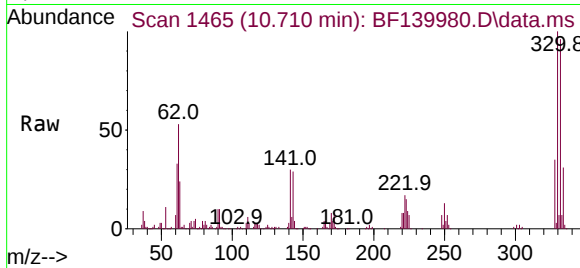




#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

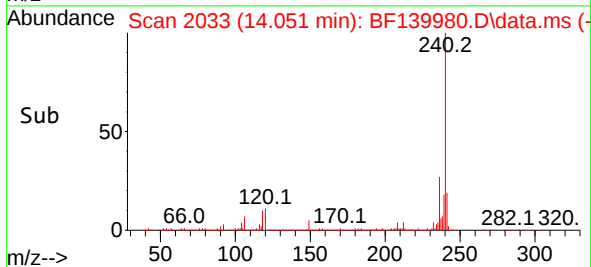
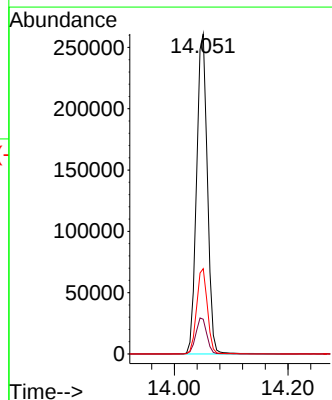
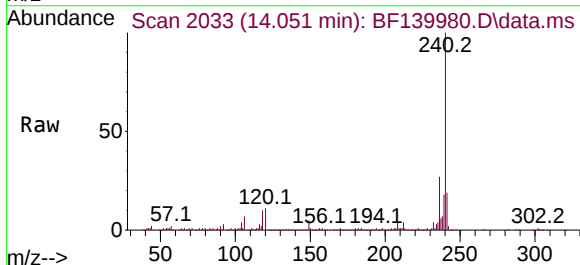
Instrument :
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ClientSampleId :
ETGI-345

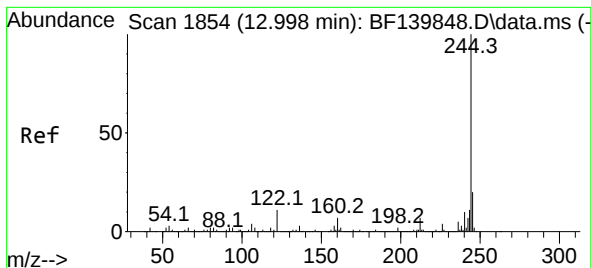
Tgt Ion:248 Resp: 12692
Ion Ratio Lower Upper
248 100
250 189.2 79.0 118.6#
141 433.7 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139980.D
Acq: 23 Oct 2024 22:46

Tgt Ion:240 Resp: 346194
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 40.597 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

ETGI-345

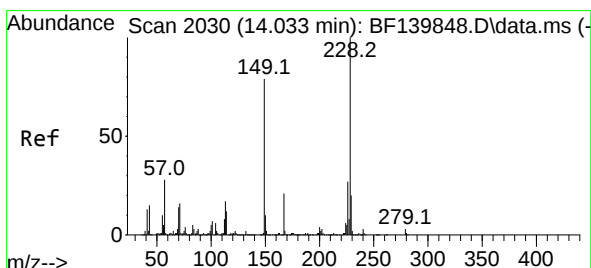
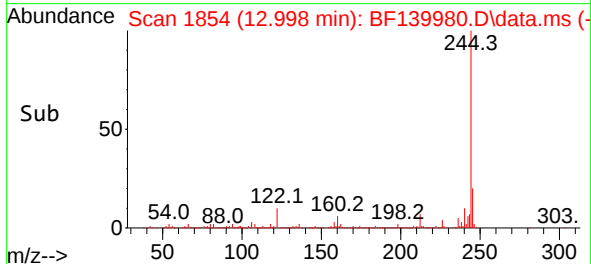
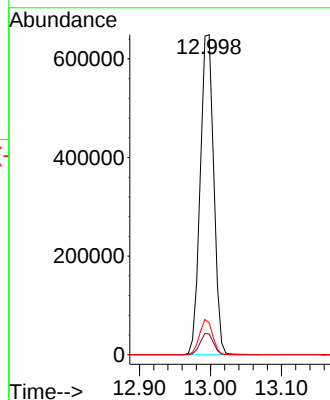
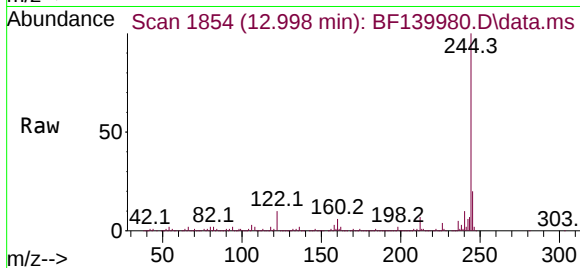
Tgt Ion:244 Resp: 862511

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

122 9.9 8.6 13.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.556 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

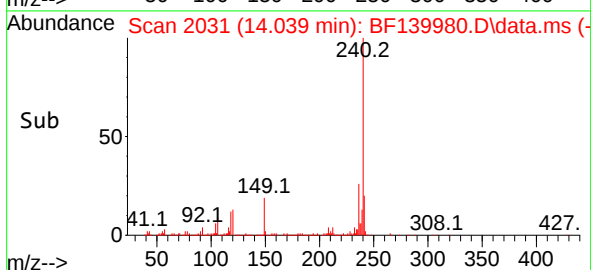
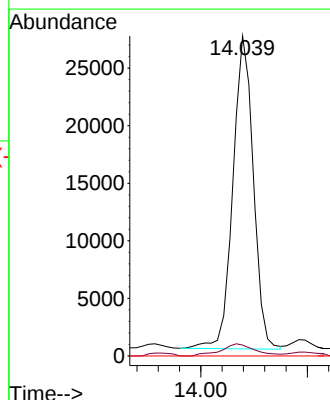
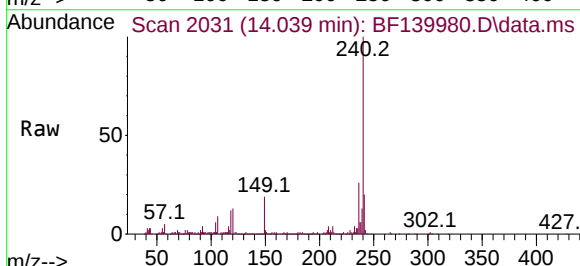
Tgt Ion:149 Resp: 36251

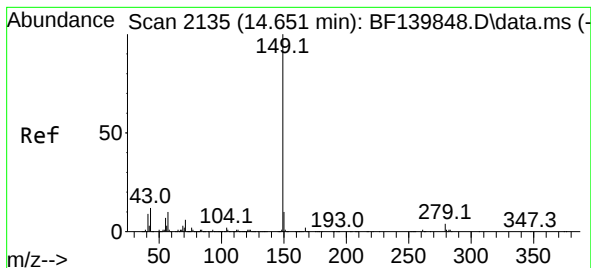
Ion Ratio Lower Upper

149 100

167 3.4 21.4 32.0#

279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 4.304 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

Instrument :

BNA_F

ClientSampleId :

ETGI-345

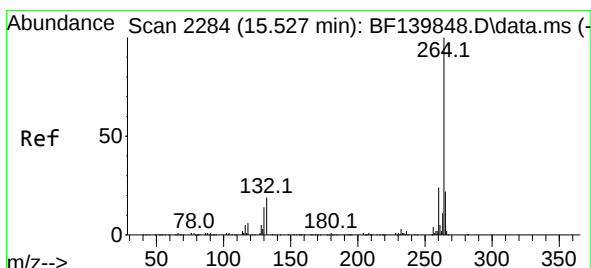
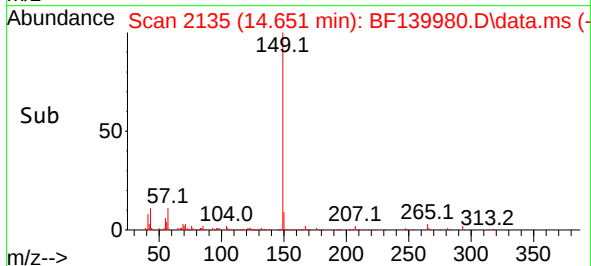
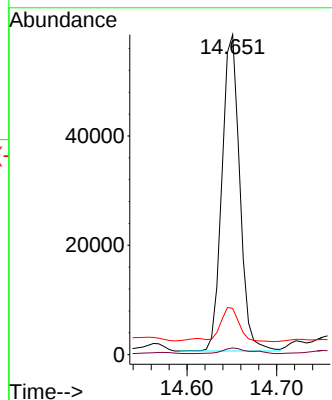
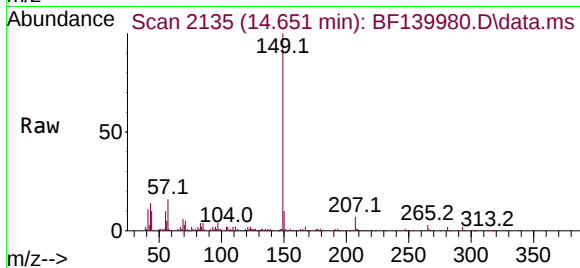
Tgt Ion:149 Resp: 79787

Ion Ratio Lower Upper

149 100

167 2.6 1.2 1.8#

43 11.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139980.D

Acq: 23 Oct 2024 22:46

Tgt Ion:264 Resp: 313337

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.1 17.4 26.0

