

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139973.D
 Acq On : 23 Oct 2024 19:25
 Operator : RC/JU
 Sample : P4468-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-345

Quant Time: Oct 24 01:11:38 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)

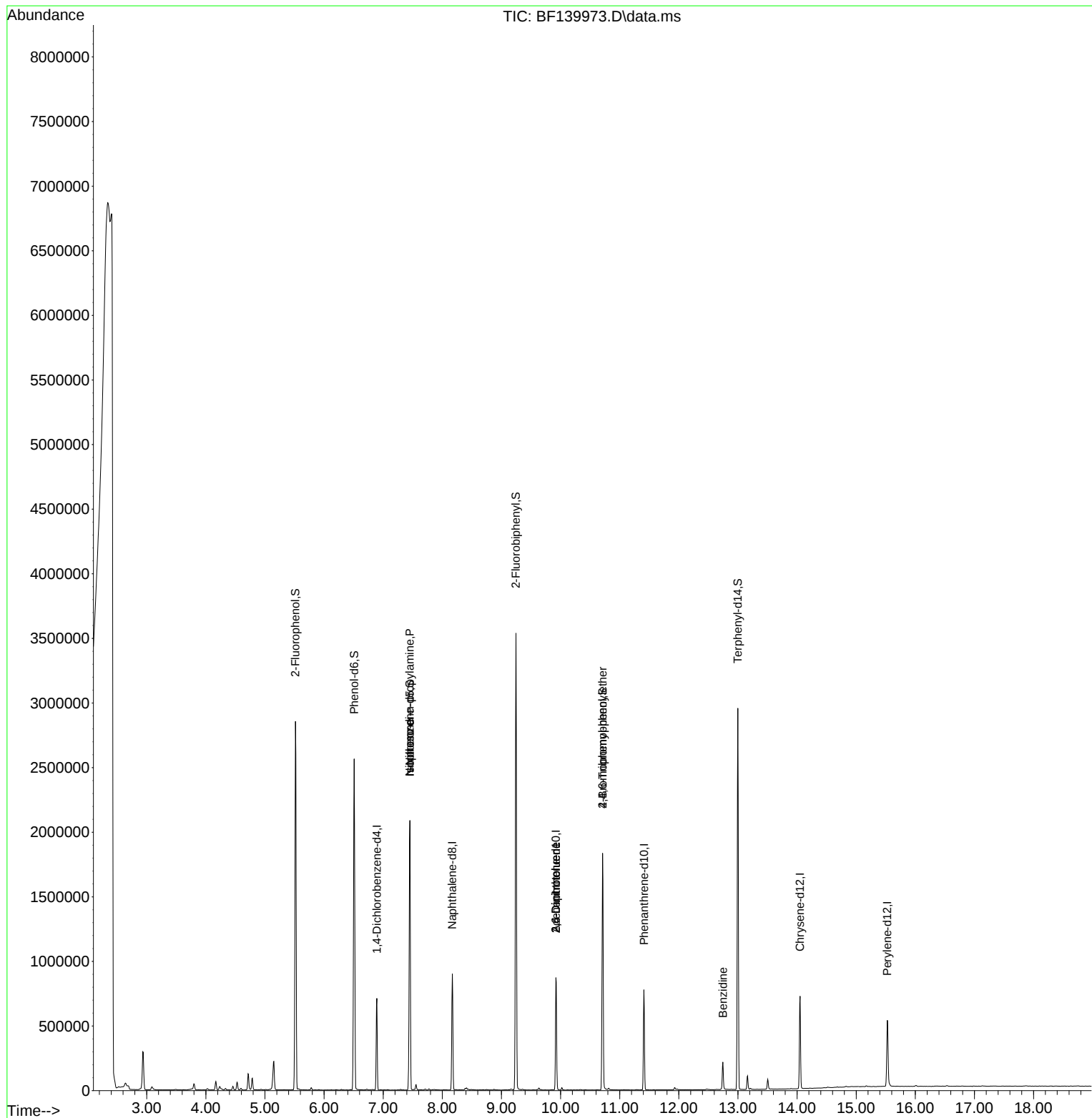
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	147918	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	541314	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	268595	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	403583	20.000	ng	0.00
76) Chrysene-d12	14.051	240	340738	20.000	ng	0.00
86) Perylene-d12	15.527	264	309184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1098393	116.248	ng	0.02
7) Phenol-d6	6.510	99	1252340	102.336	ng	0.00
23) Nitrobenzene-d5	7.451	82	962374	98.535	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	327504	130.357	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1575128	96.920	ng	0.00
79) Terphenyl-d14	12.998	244	1450770	69.379	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	129499	17.448	ng	Qvalue 76
25) Isophorone	7.451	82	958724	51.718	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33899	9.358	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	33899	7.610	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	20815	5.006	ng	# 1
77) Benzidine	12.745	184	117123	20.904	ng	99

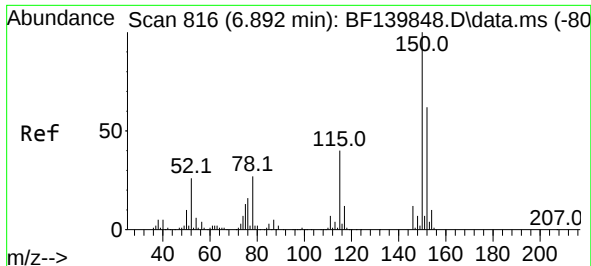
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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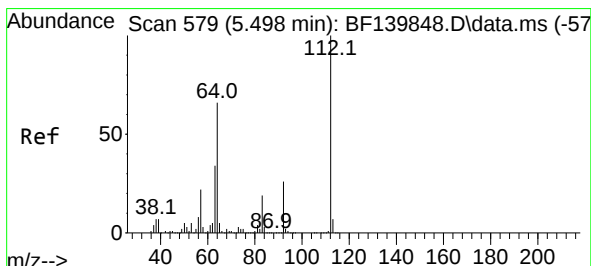
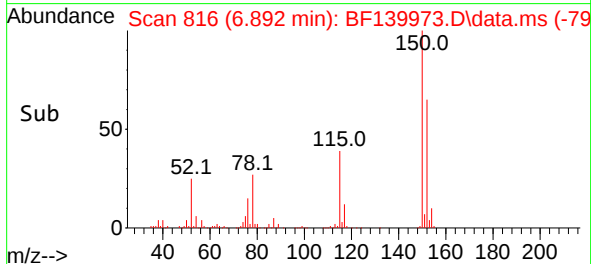
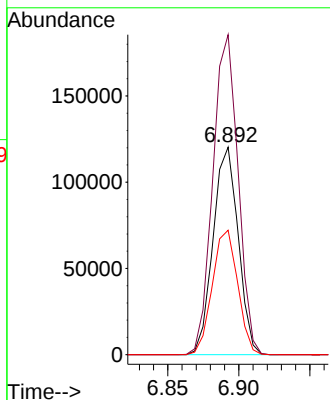
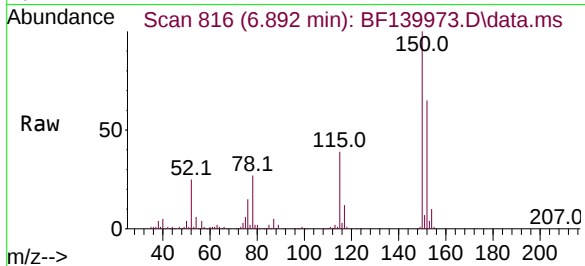




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

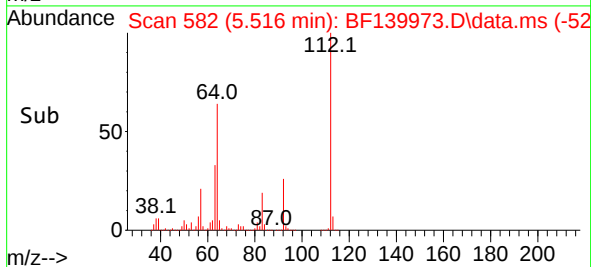
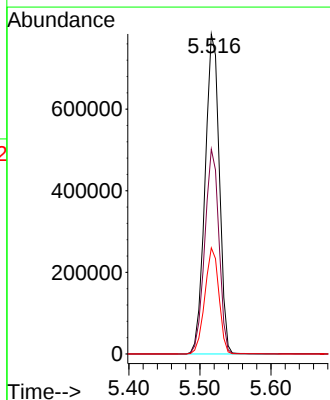
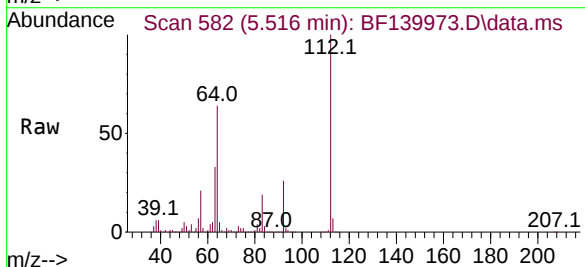
Instrument :
BNA_F
ClientSampleId :
ETGI-345

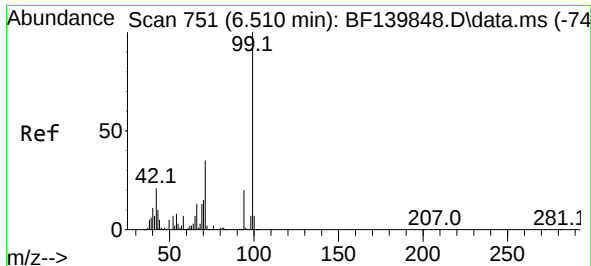
Tgt Ion:152 Resp: 147918
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 60.0 51.4 77.2



#5
2-Fluorophenol
Concen: 116.248 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion:112 Resp: 1098393
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 33.2 27.0 40.4



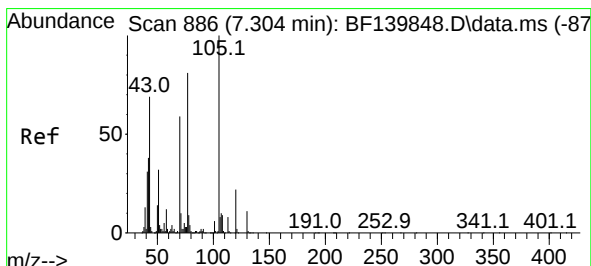
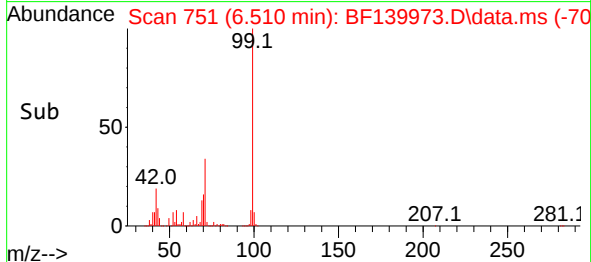
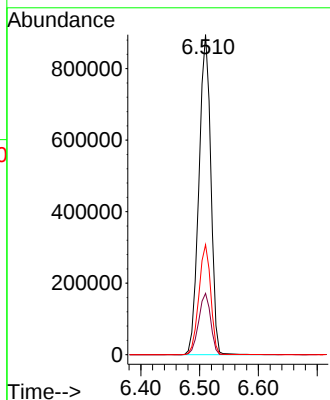
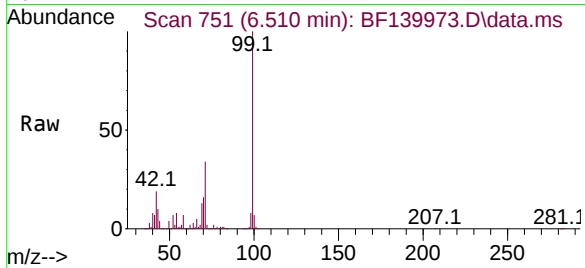


#7
Phenol-d6
Concen: 102.336 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Instrument :
BNA_F
ClientSampleId :
ETGI-345

Tgt Ion: 99 Resp: 1252340

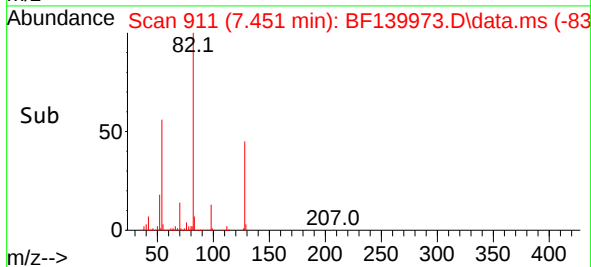
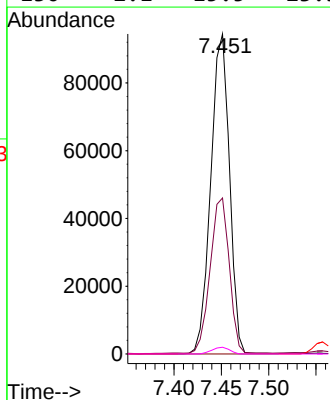
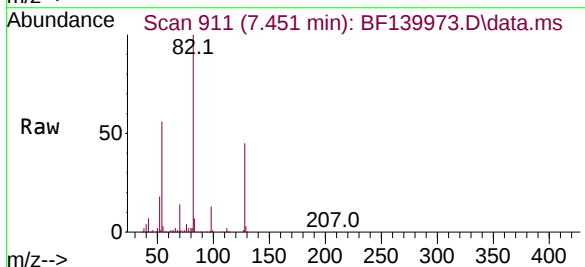
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.7	25.1
71	34.3	27.7	41.5

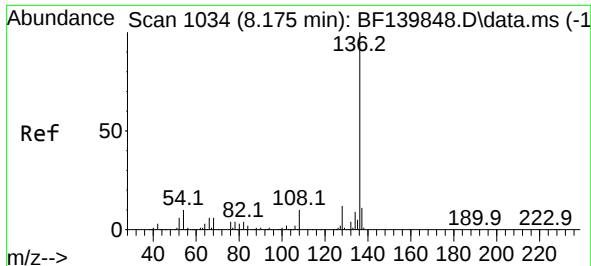


#19
n-Nitroso-di-n-propylamine
Concen: 17.448 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion: 70 Resp: 129499

Ion	Ratio	Lower	Upper
70	100		
42	48.8	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



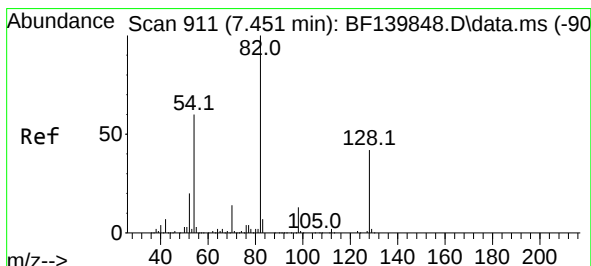
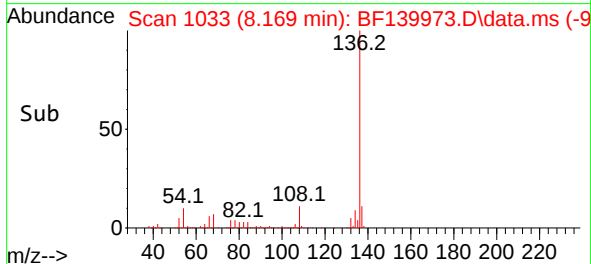
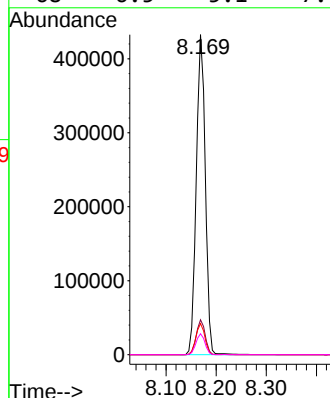
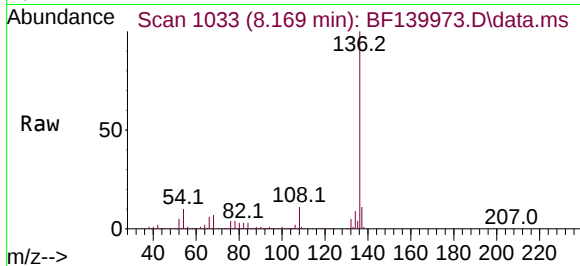


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Instrument :
BNA_F
ClientSampleId :
ETGI-345

Tgt Ion:136 Resp: 541314

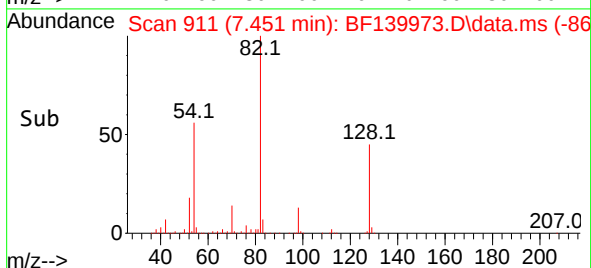
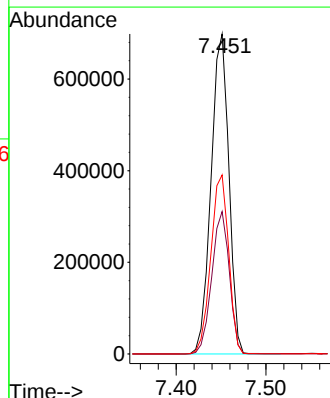
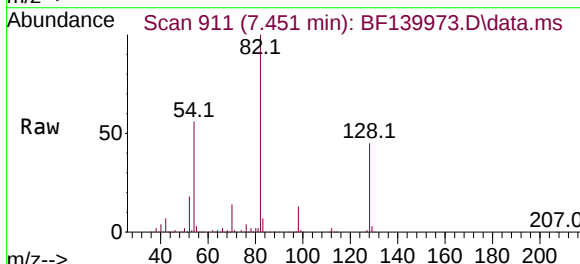
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.5	5.1	7.7

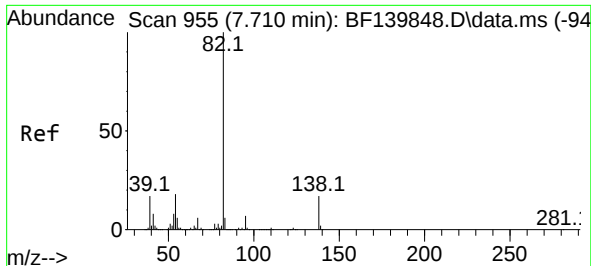


#23
Nitrobenzene-d5
Concen: 98.535 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion: 82 Resp: 962374

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.4	50.0
54	56.0	47.8	71.8

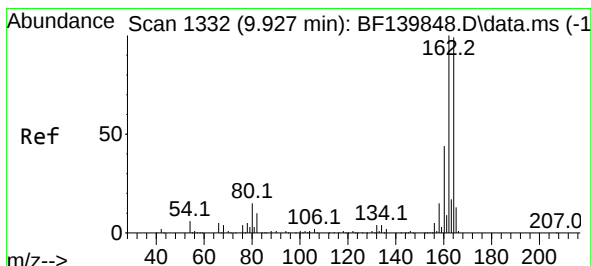
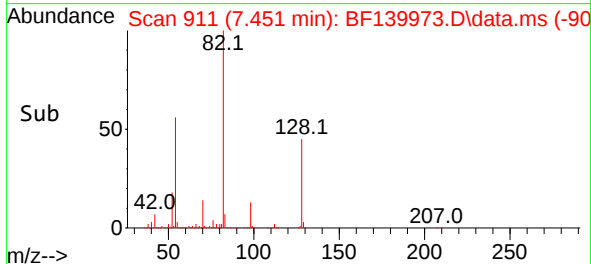
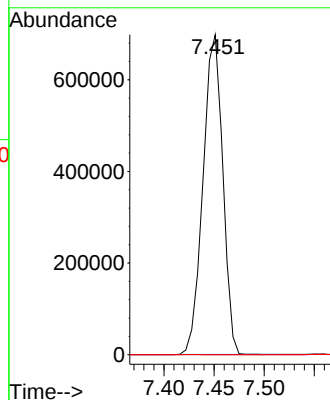
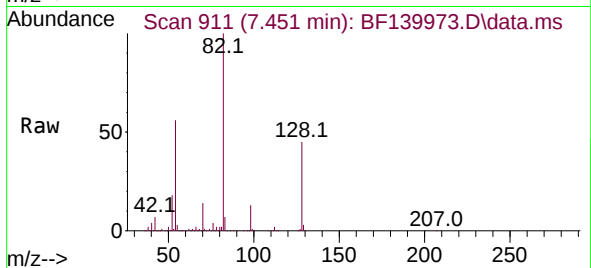




#25
Isophorone
Concen: 51.718 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

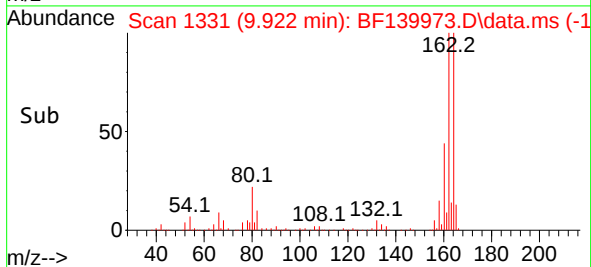
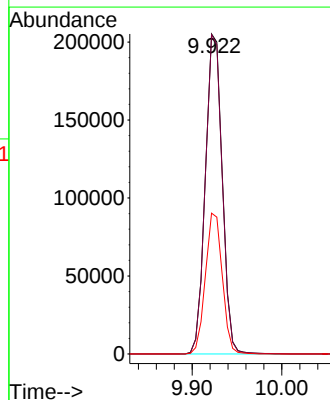
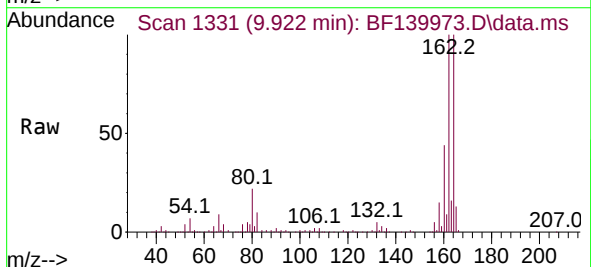
Instrument :
BNA_F
ClientSampleId :
ETGI-345

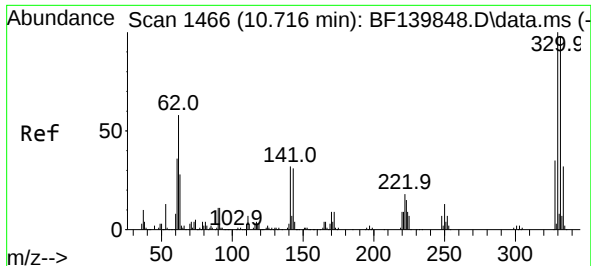
Tgt Ion: 82 Resp: 958724
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion: 164 Resp: 268595
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.0 35.4 53.0

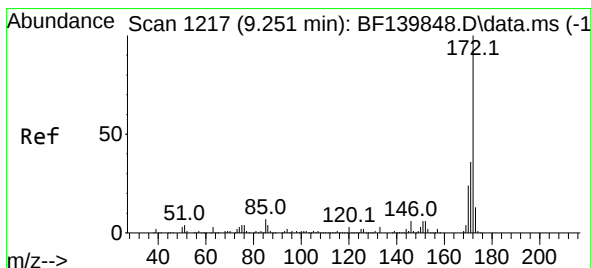
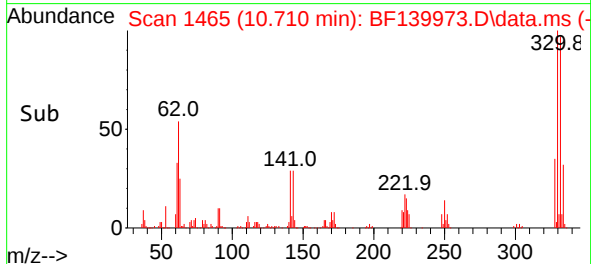
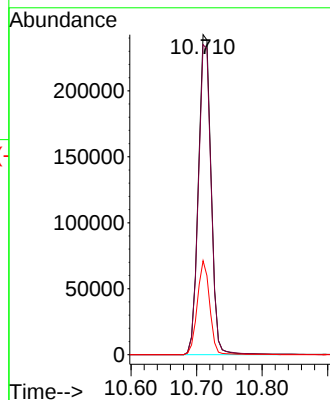
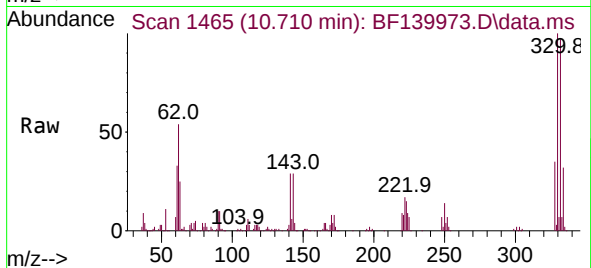




#42
2,4,6-Tribromophenol
Concen: 130.357 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

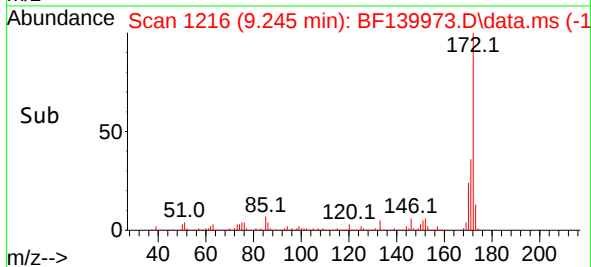
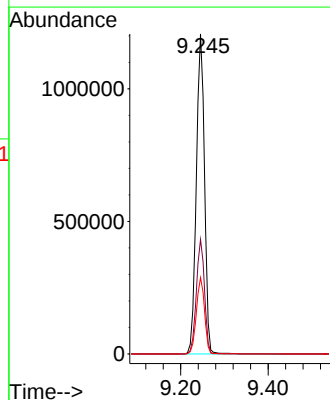
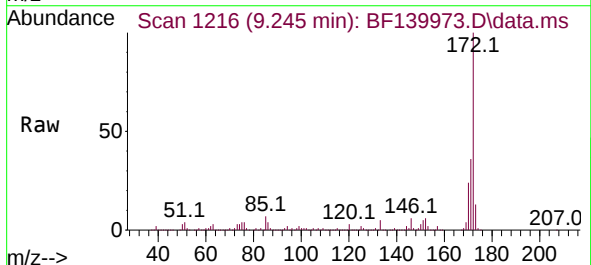
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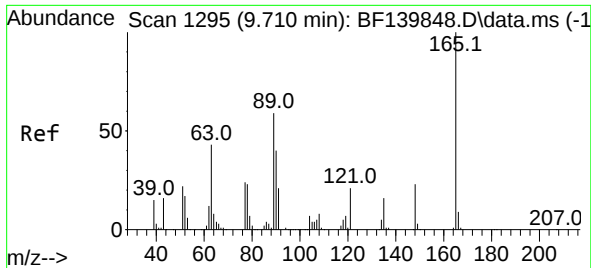
Tgt Ion:330 Resp: 327504
Ion Ratio Lower Upper
330 100
332 97.5 78.1 117.1
141 28.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 96.920 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion:172 Resp: 1575128
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7

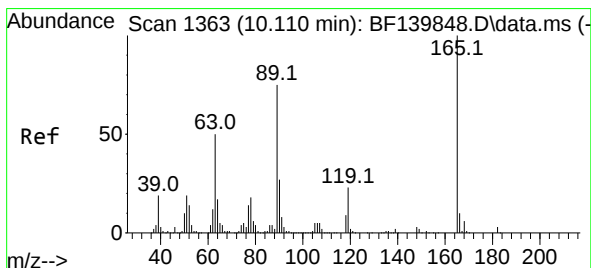
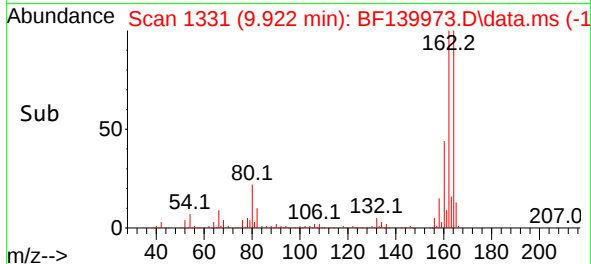
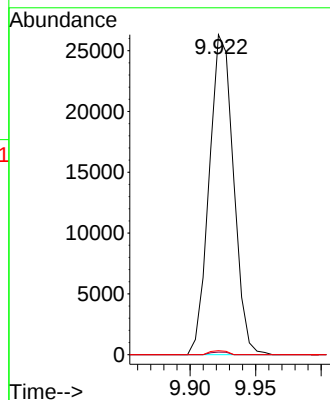
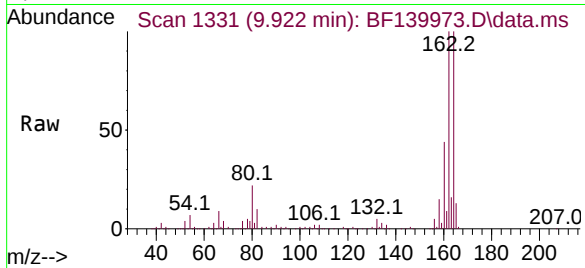




#51
2,6-Dinitrotoluene
Concen: 9.358 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

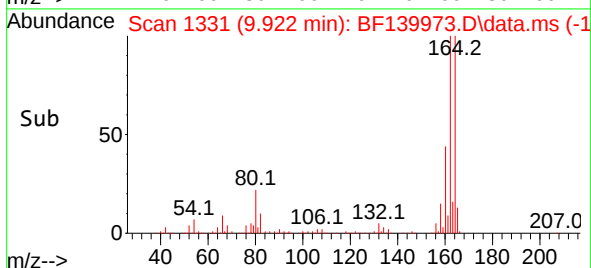
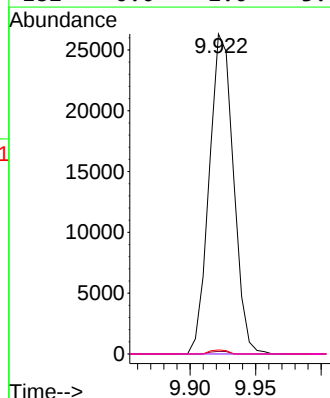
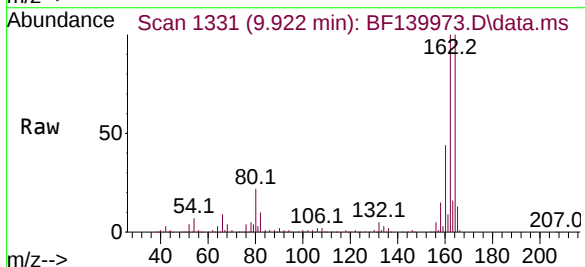
Instrument :
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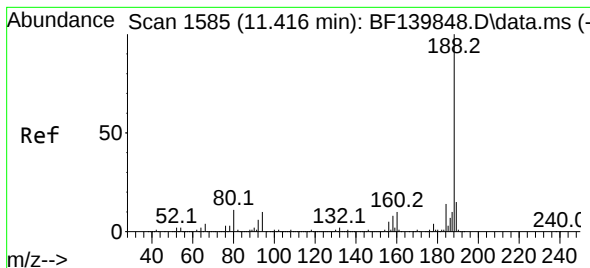
Tgt Ion:165 Resp: 33899
Ion Ratio Lower Upper
165 100
63 0.8 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.610 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139973.D
Acq: 23 Oct 2024 19:25

Tgt Ion:165 Resp: 33899
Ion Ratio Lower Upper
165 100
63 0.8 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139973.D

Acq: 23 Oct 2024 19:25

Instrument :

BNA_F

ClientSampleId :

ETGI-345

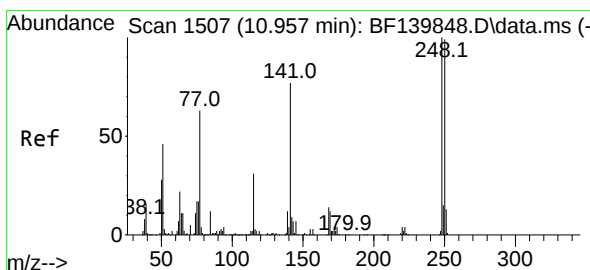
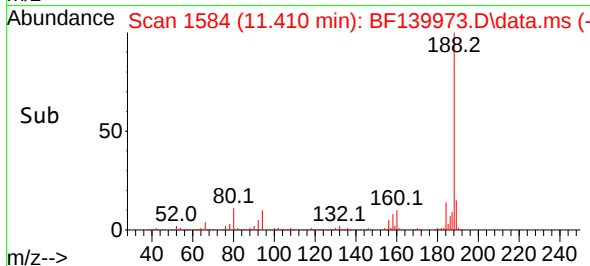
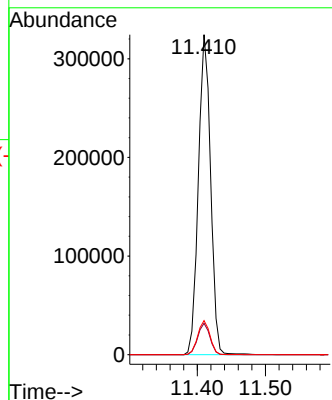
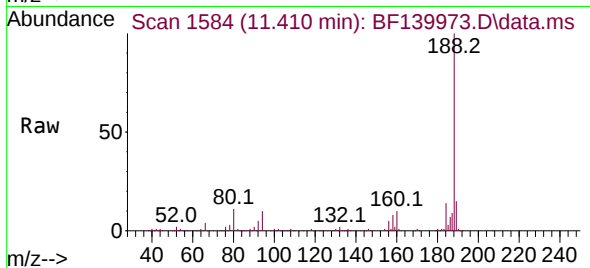
Tgt Ion:188 Resp: 403583

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.7 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.006 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139973.D

Acq: 23 Oct 2024 19:25

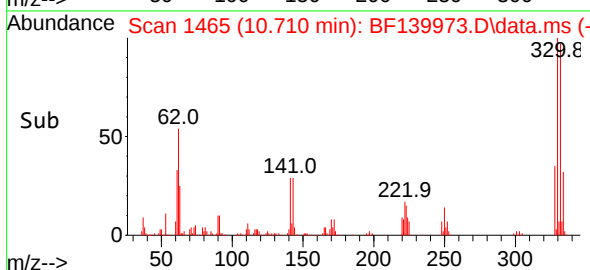
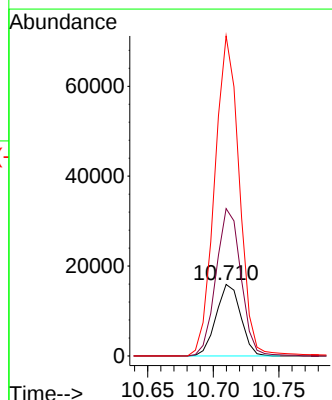
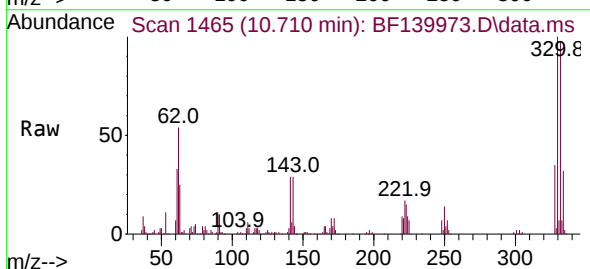
Tgt Ion:248 Resp: 20815

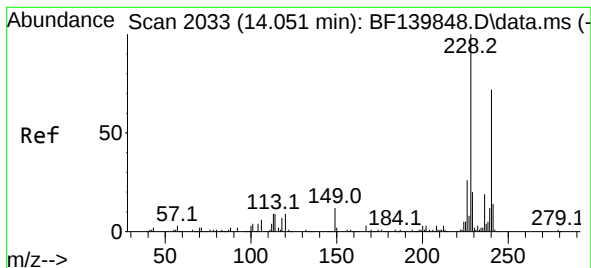
Ion Ratio Lower Upper

248 100

250 206.0 79.0 118.6#

141 447.6 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: BF139973.D

Acq: 23 Oct 2024 19:25

Instrument :

BNA_F

ClientSampleId :

ETGI-345

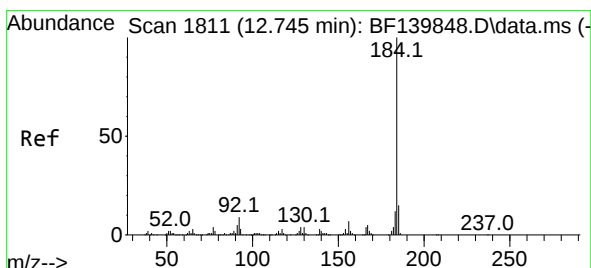
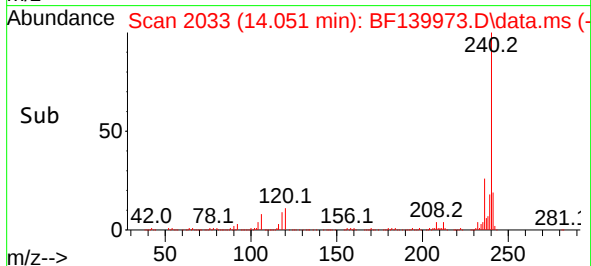
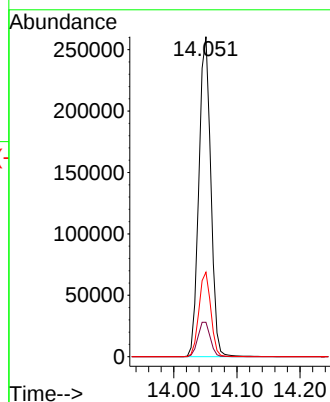
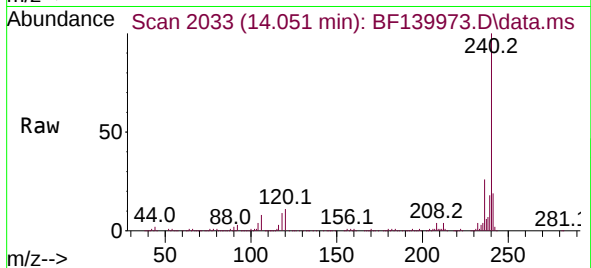
Tgt Ion:240 Resp: 340738

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.4 20.9 31.3



#77

Benzidine

Concen: 20.904 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF139973.D

Acq: 23 Oct 2024 19:25

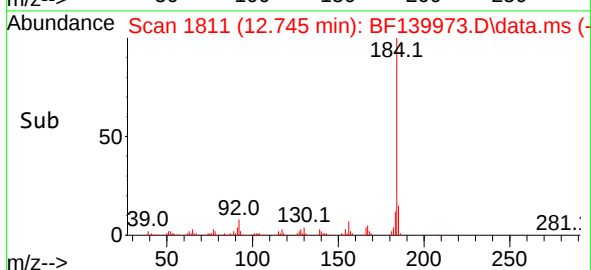
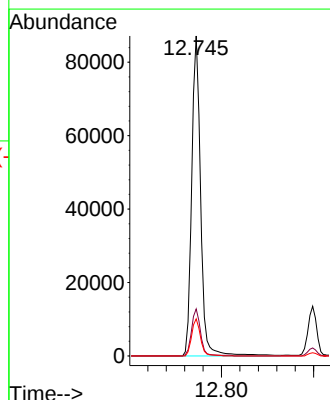
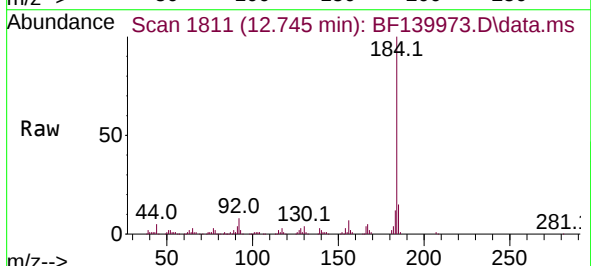
Tgt Ion:184 Resp: 117123

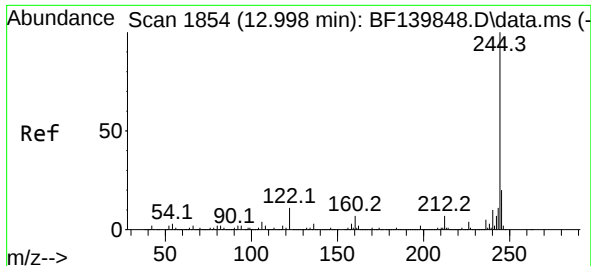
Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

183 11.6 9.4 14.2

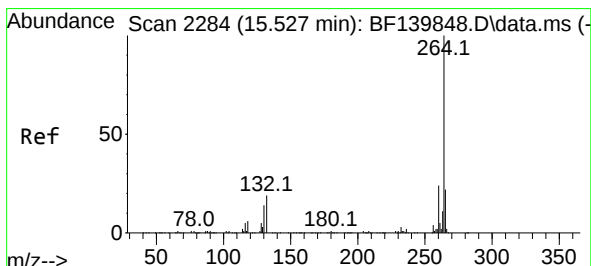
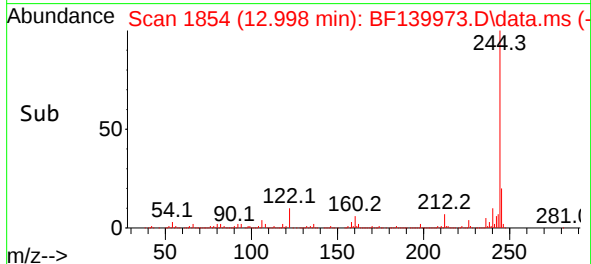
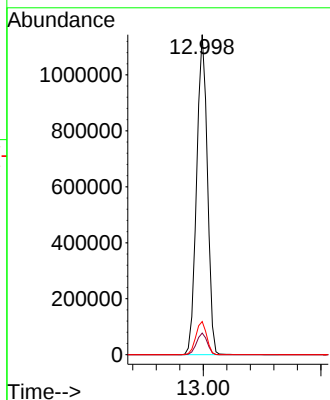
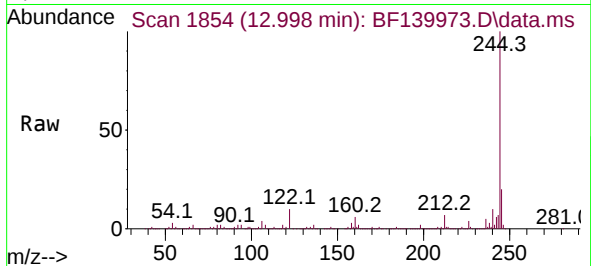




#79
 Terphenyl-d14
 Concen: 69.379 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139973.D
 Acq: 23 Oct 2024 19:25

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-345

Tgt Ion:244 Resp: 1450770
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.3 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: BF139973.D
 Acq: 23 Oct 2024 19:25

Tgt Ion:264 Resp: 309184
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.7 17.4 26.0

