

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122359.D
 Acq On : 17 Nov 2020 22:00
 Operator : JU/CG
 Sample : L4769-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-359

Quant Time: Nov 18 00:24:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

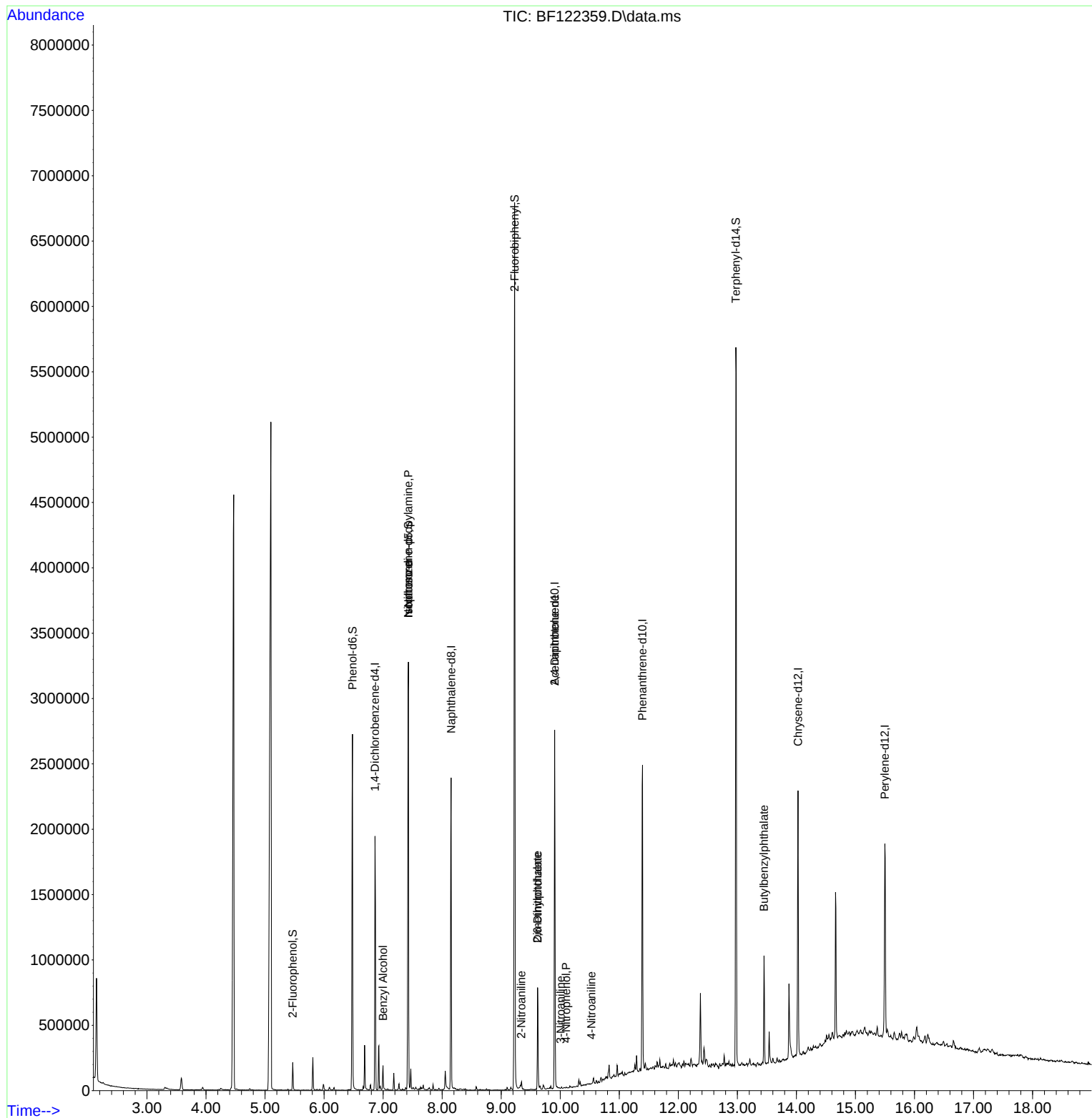
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	263110	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1008597	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	538702	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	903922	20.00	ng	0.00
76) Chrysene-d12	14.027	240	691655	20.00	ng	0.00
86) Perylene-d12	15.498	264	707782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	53748	3.14	ng	0.00
7) Phenol-d6	6.481	99	873220	38.95	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1080407	65.58	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	4136	0.72	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1971550	57.18	ng	0.00
79) Terphenyl-d14	12.974	244	1824426	55.88	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	802	Below Cal	#	72
15) Benzyl Alcohol	6.998	79	33260	2.09	ng	96
19) n-Nitroso-di-n-propyla...	7.428	70	147499	11.01	ng	# 75
25) Isophorone	7.428	82	1069095	29.11	ng	# 67
48) 2-Nitroaniline	9.339	65	1286	5.28	ng	# 6
50) Dimethylphthalate	9.616	163	325383	8.50	ng	99
51) 2,6-Dinitrotoluene	9.616	165	3428	4.18	ng	# 14
53) 3-Nitroaniline	10.004	138	125	3.57	ng	# 1
56) 4-Nitrophenol	10.098	139	240	5.43	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	69483	10.55	ng	# 20
62) 4-Nitroaniline	10.527	138	112	3.39	ng	# 19
80) Butylbenzylphthalate	13.451	149	175504	11.68	ng	96

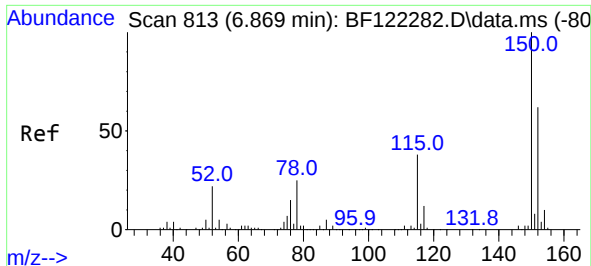
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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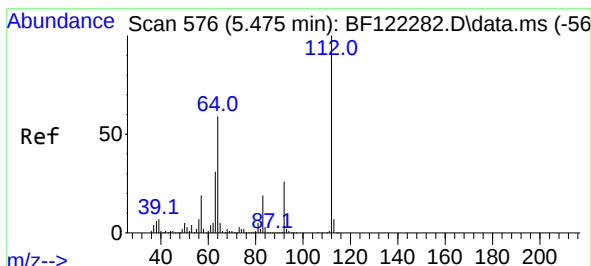
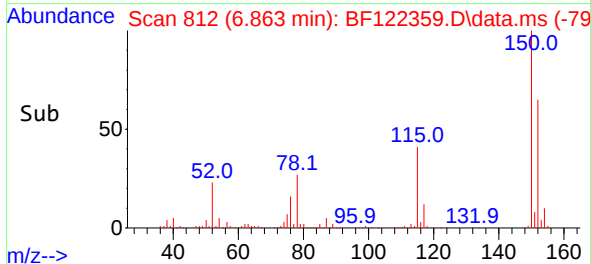
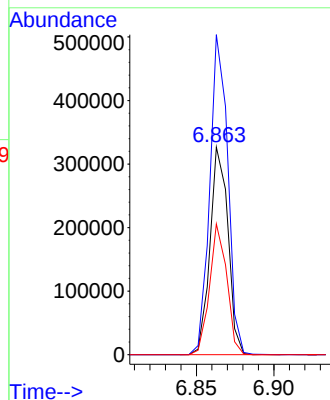
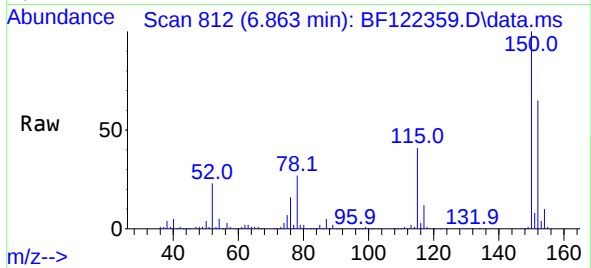




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

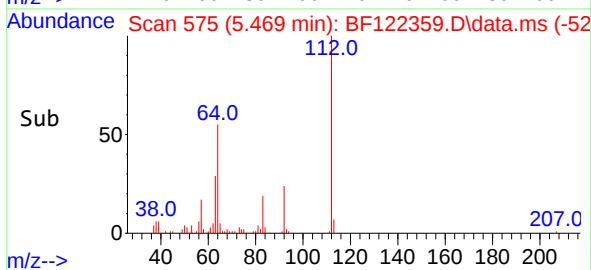
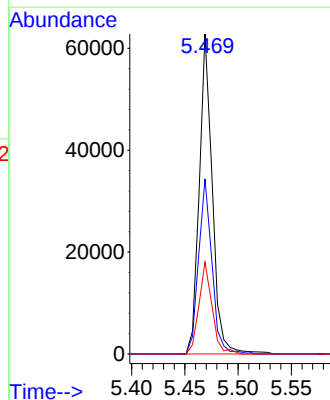
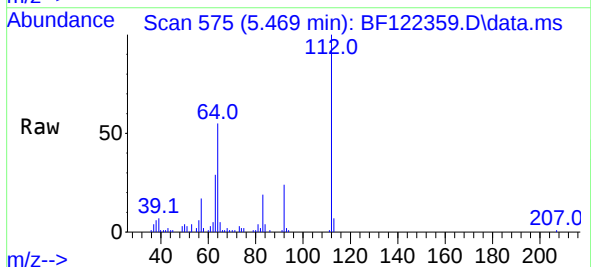
Instrument :
BNA_F
ClientSampleId :
ETGI-359

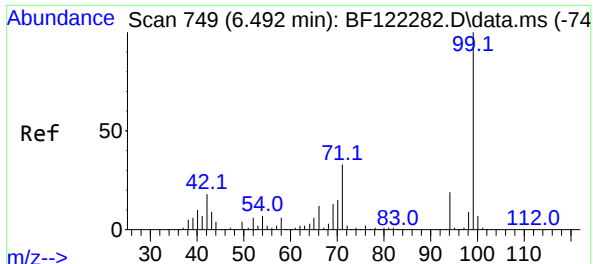
Tgt Ion:152 Resp: 263110
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 63.0 51.9 77.9



#5
2-Fluorophenol
Concen: 3.14 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion:112 Resp: 53748
Ion Ratio Lower Upper
112 100
64 54.7 50.4 75.6
63 28.7 25.8 38.6

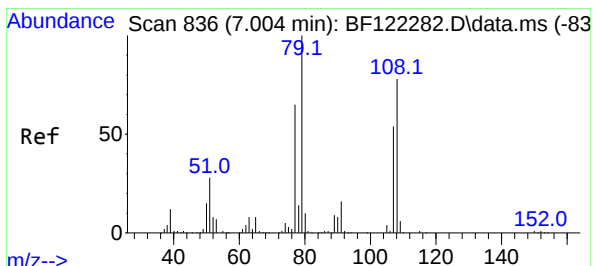
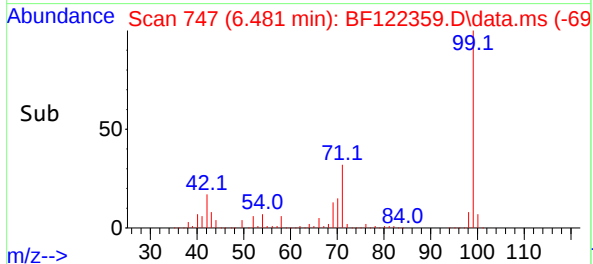
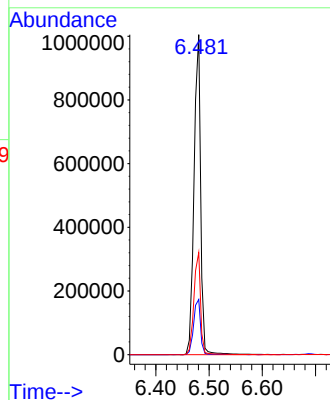
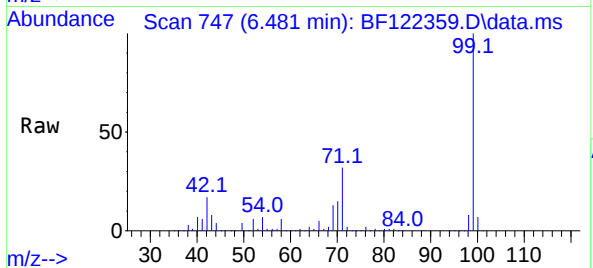




#7
Phenol-d6
Concen: 38.95 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

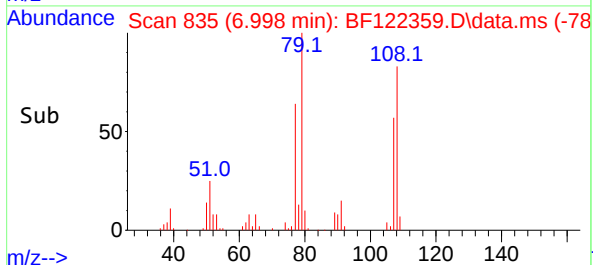
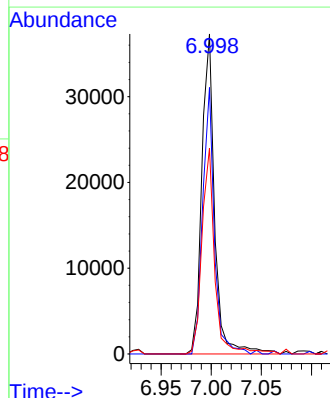
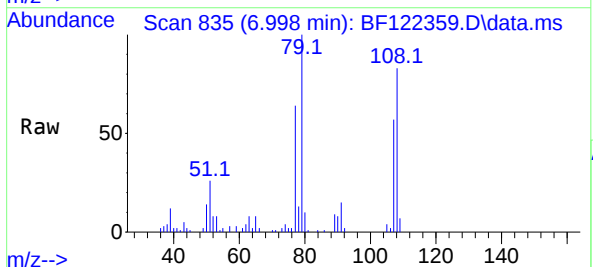
Instrument :
BNA_F
ClientSampleId :
ETGI-359

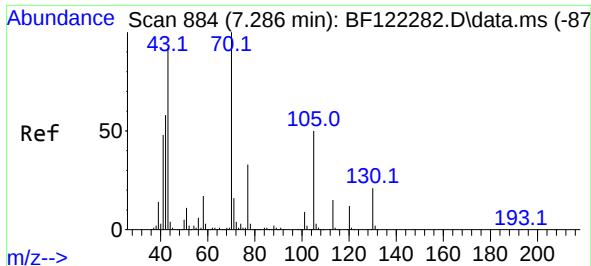
Tgt Ion: 99 Resp: 873220
Ion Ratio Lower Upper
99 100
42 17.3 15.9 23.9
71 31.9 27.1 40.7



#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion: 79 Resp: 33260
Ion Ratio Lower Upper
79 100
108 83.3 62.3 93.5
77 64.4 50.6 75.8

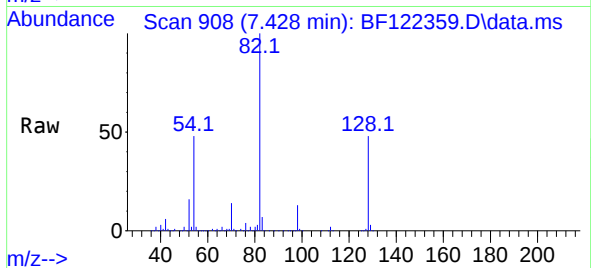




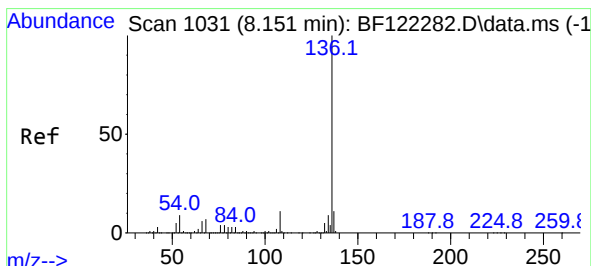
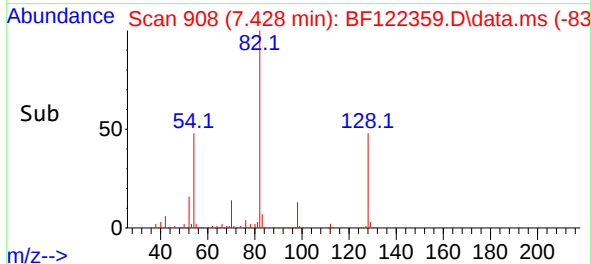
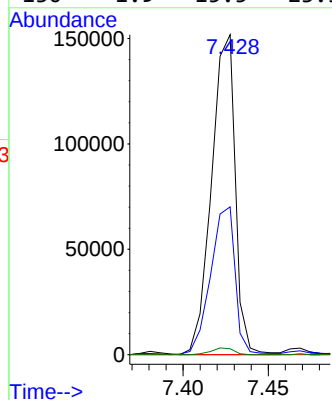
#19

n-Nitroso-di-n-propylamine
Concen: 11.01 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Instrument :
BNA_F
ClientSampleId :
ETGI-359

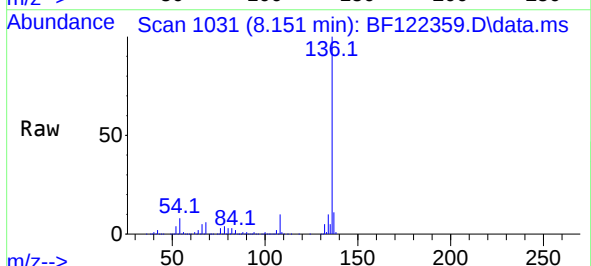


Tgt Ion: 70 Resp: 147499
Ion Ratio Lower Upper
70 100
42 46.2 50.2 75.4#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

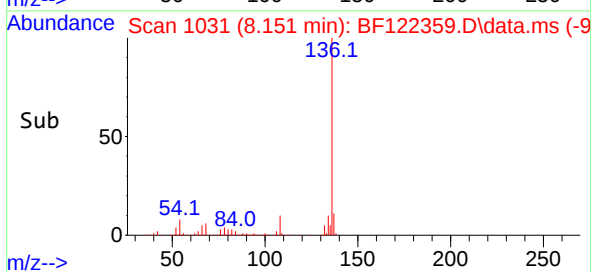
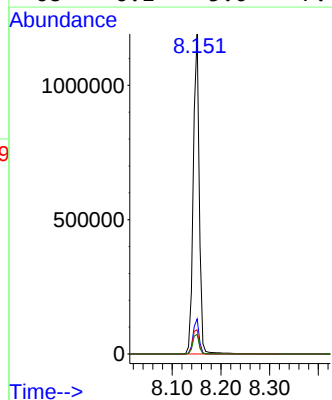


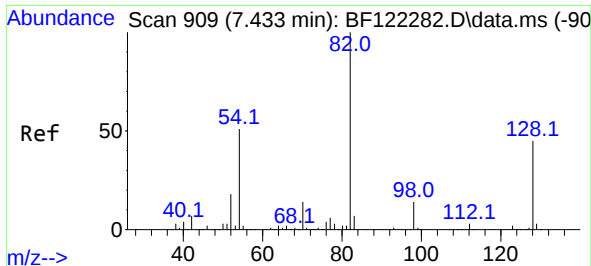
#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00



Tgt Ion: 136 Resp: 1008597
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 7.1 10.7
68 6.1 5.0 7.4



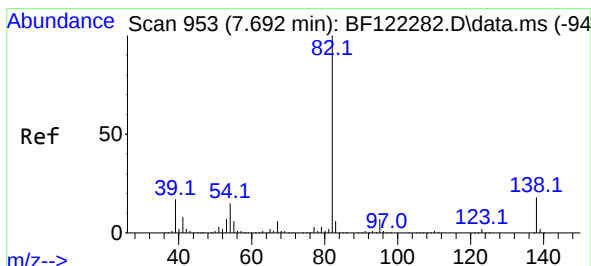
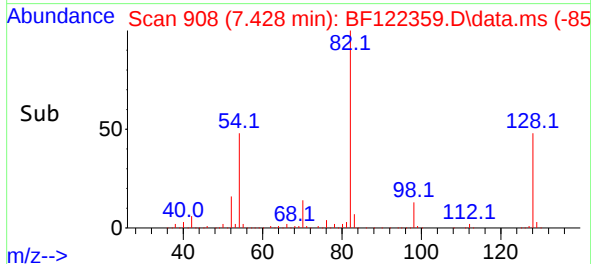
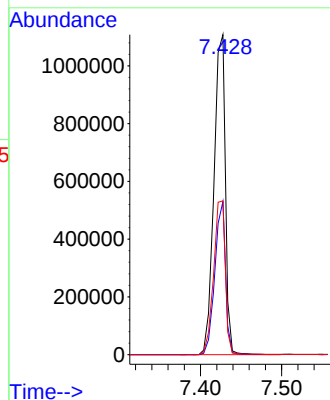
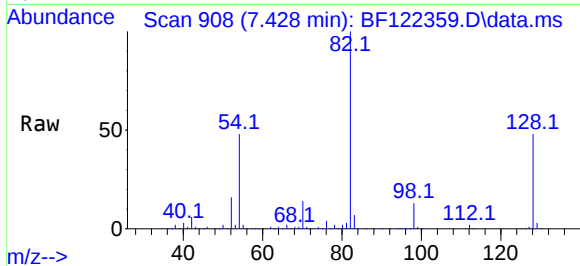


#23
Nitrobenzene-d5
Concen: 65.58 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Instrument :
BNA_F
ClientSampleId :
ETGI-359

Tgt Ion: 82 Resp: 1080407

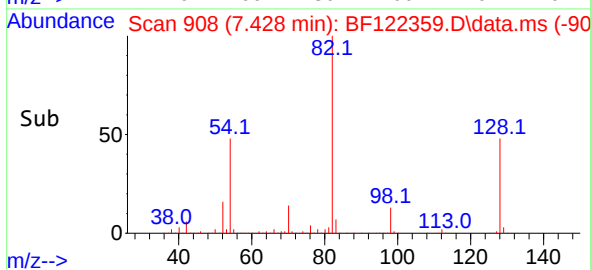
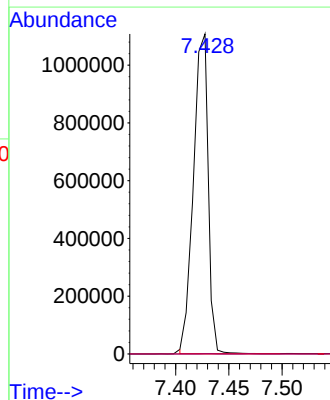
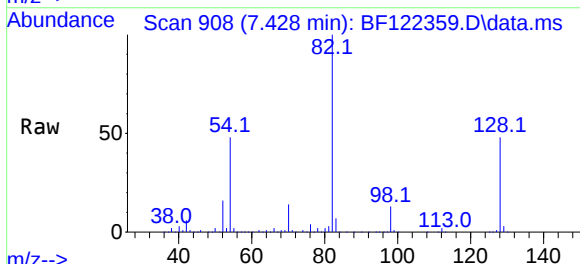
Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.0	52.4
54	48.1	43.9	65.9

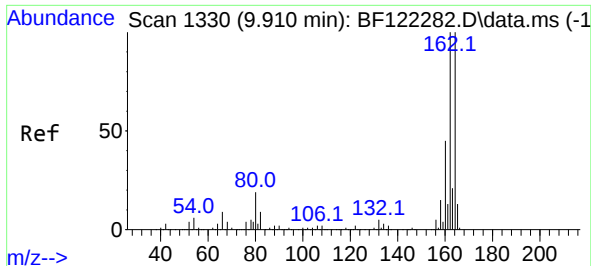


#25
Isophorone
Concen: 29.11 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion: 82 Resp: 1069095

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.0#
138	0.0	13.4	20.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122359.D

Acq: 17 Nov 2020 22:00

Instrument :

BNA_F

ClientSampleId :

ETGI-359

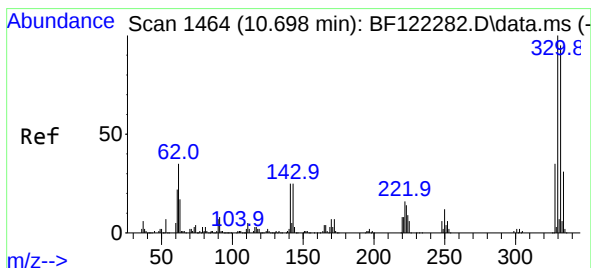
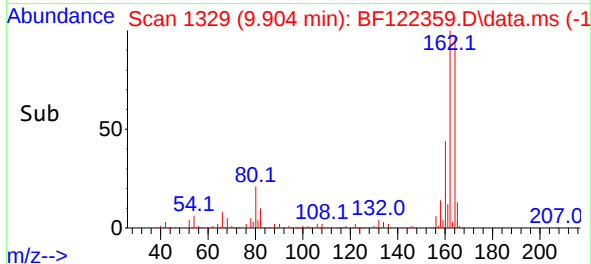
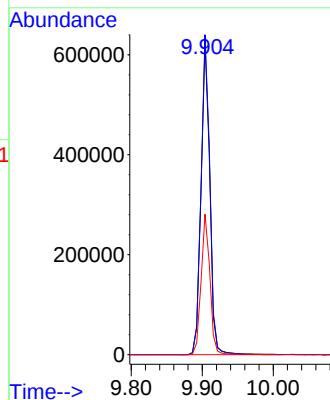
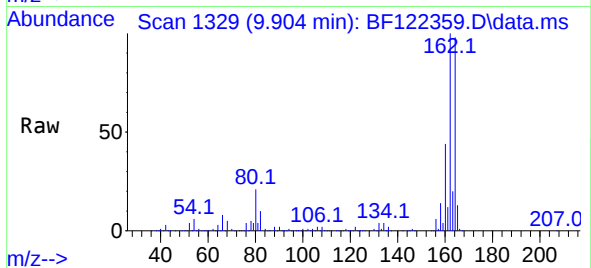
Tgt Ion:164 Resp: 538702

Ion Ratio Lower Upper

164 100

162 102.1 83.2 124.8

160 44.8 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 0.72 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122359.D

Acq: 17 Nov 2020 22:00

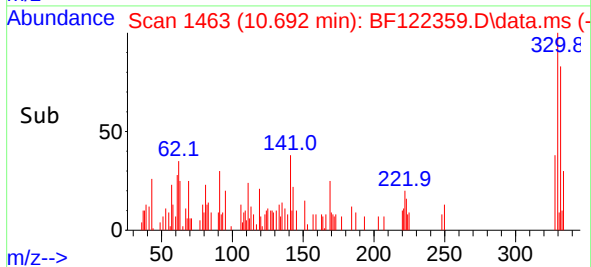
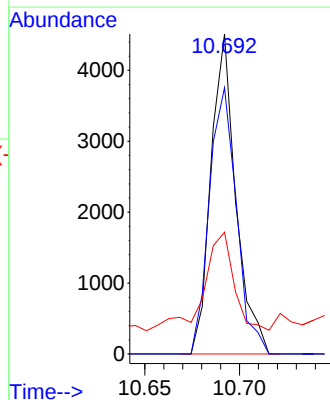
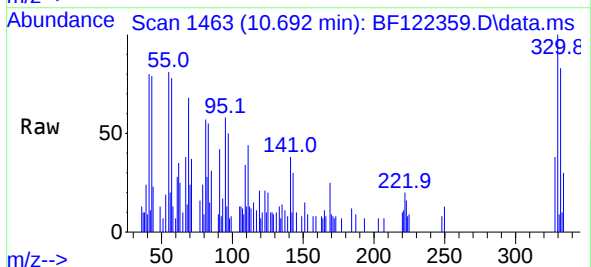
Tgt Ion:330 Resp: 4136

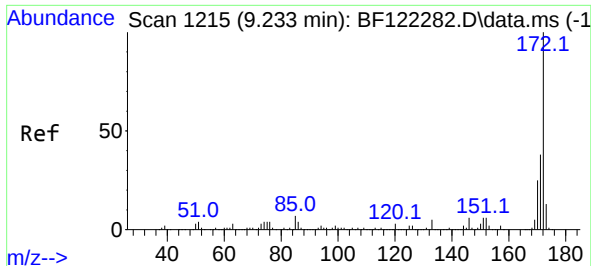
Ion Ratio Lower Upper

330 100

332 90.6 77.3 115.9

141 80.2 22.3 33.5#

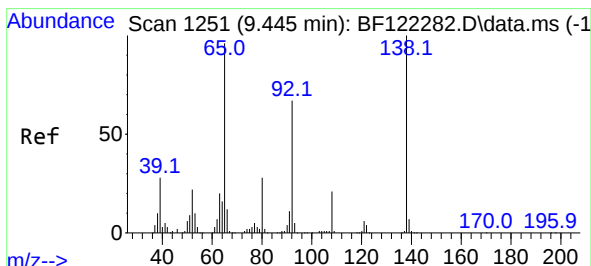
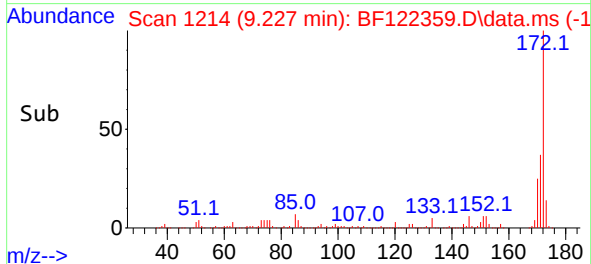
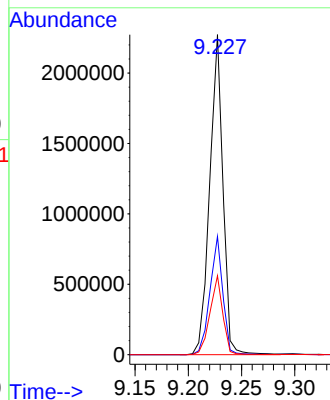
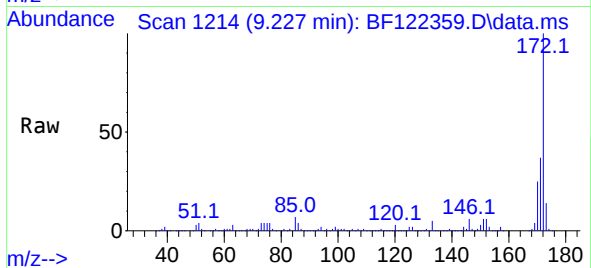




#45
2-Fluorobiphenyl
Concen: 57.18 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

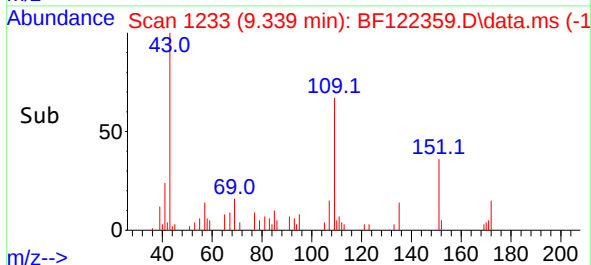
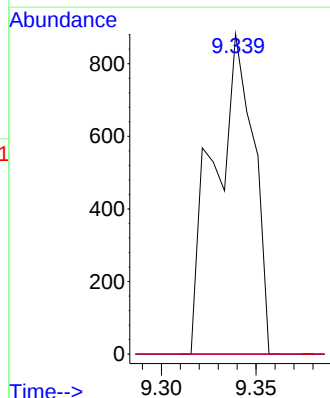
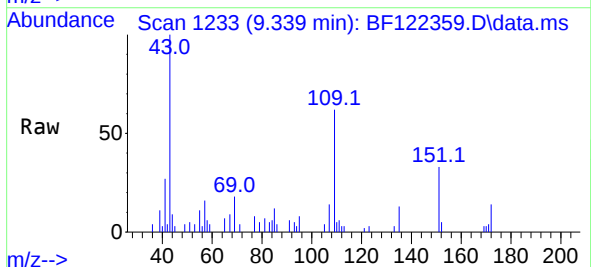
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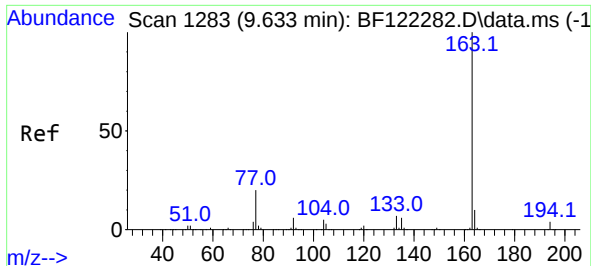
Tgt Ion:172 Resp: 1971550
Ion Ratio Lower Upper
172 100
171 37.0 29.1 43.7
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 5.28 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion: 65 Resp: 1286
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

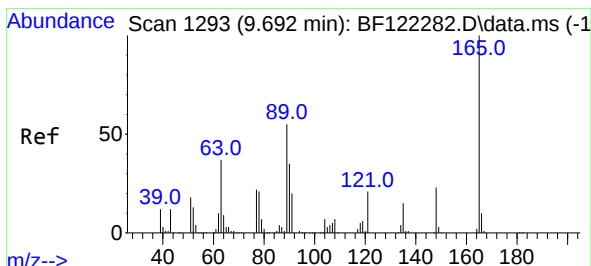
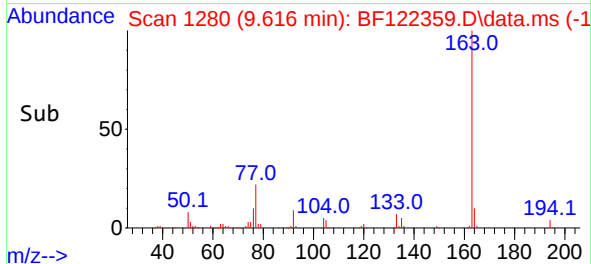
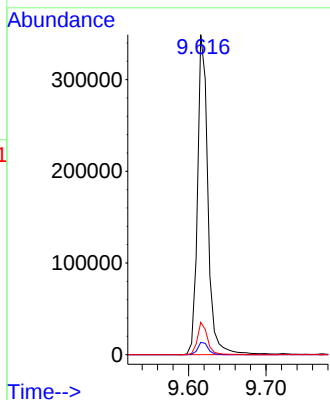
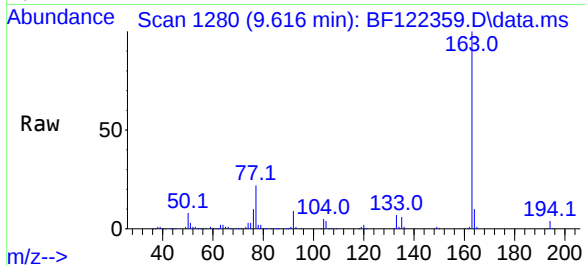




#50
Dimethylphthalate
Concen: 8.50 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

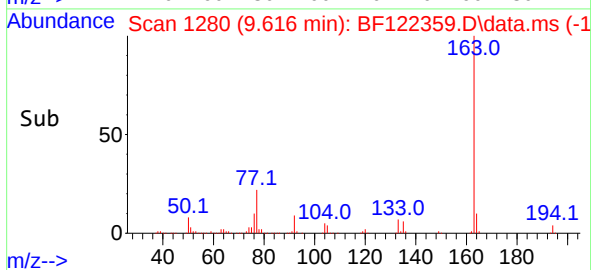
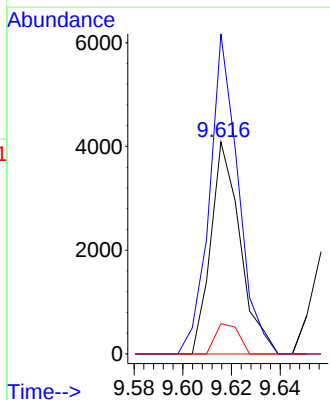
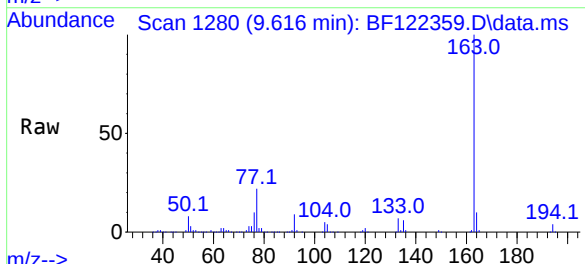
Instrument :
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ClientSampleId :
ETGI-359

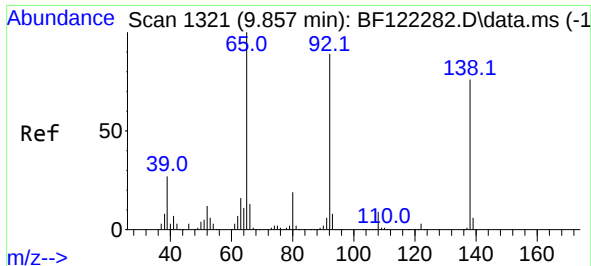
Tgt Ion:163 Resp: 325383
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.18 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion:165 Resp: 3428
Ion Ratio Lower Upper
165 100
63 150.9 51.8 77.6#
89 14.3 49.0 73.6#

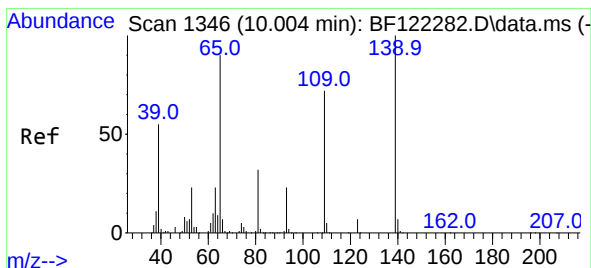
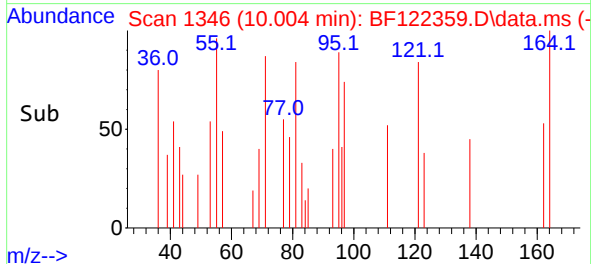
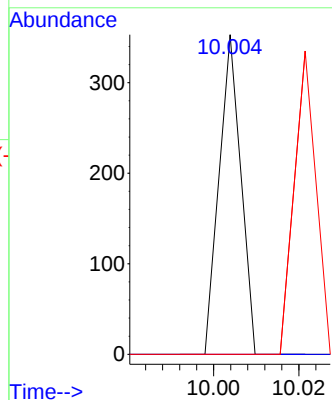
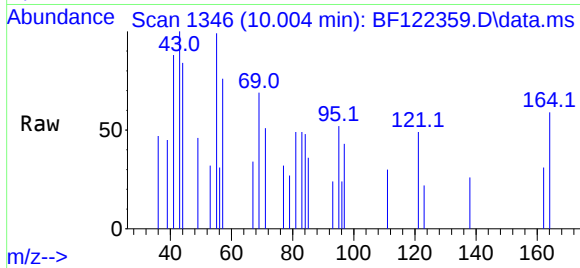




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.147 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

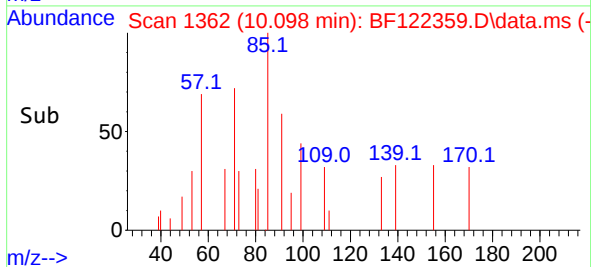
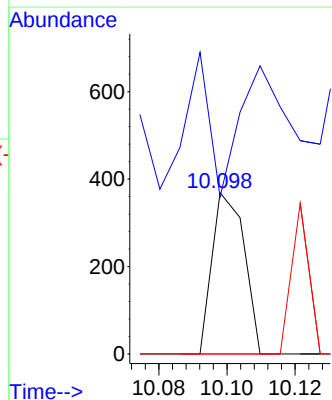
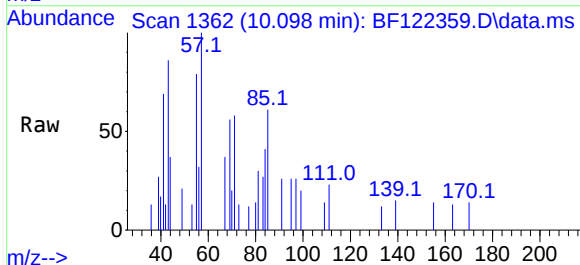
Instrument :
BNA_F
ClientSampled :
ETGI-359

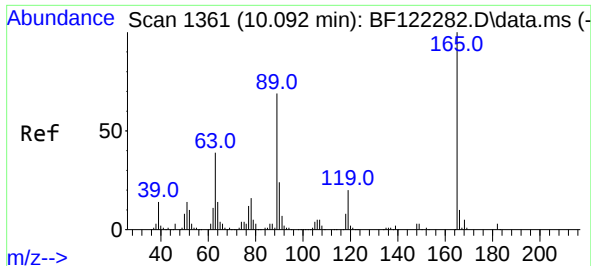
Tgt Ion:138 Resp: 125
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.43 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.094 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion:139 Resp: 240
Ion Ratio Lower Upper
139 100
109 97.3 45.4 85.4#
65 0.0 68.4 108.4#

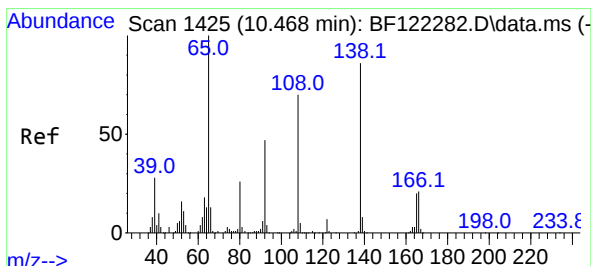
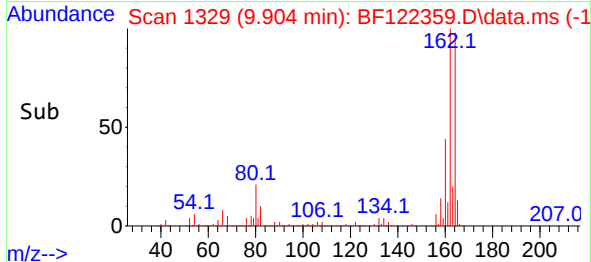
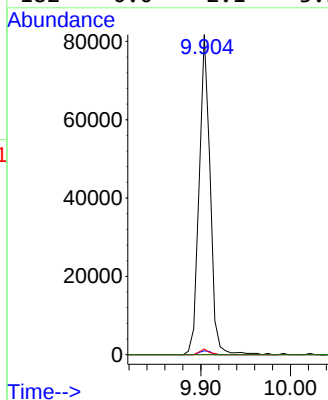
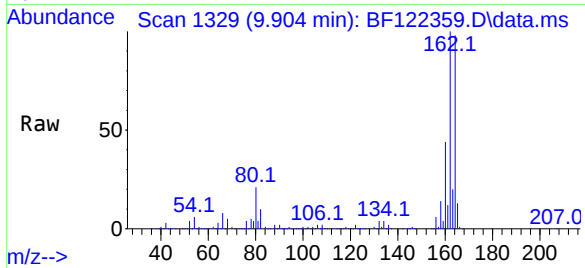




#57
2,4-Dinitrotoluene
Concen: 10.55 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

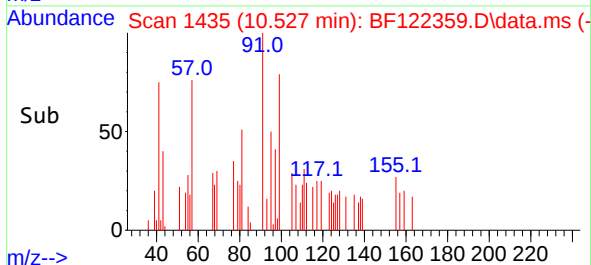
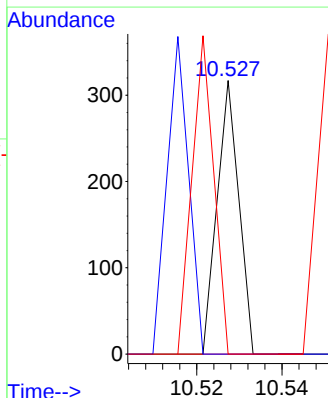
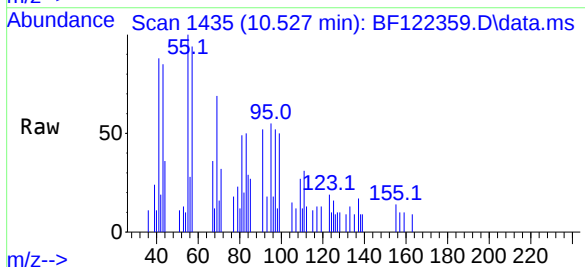
Instrument :
BNA_F
ClientSampled :
ETGI-359

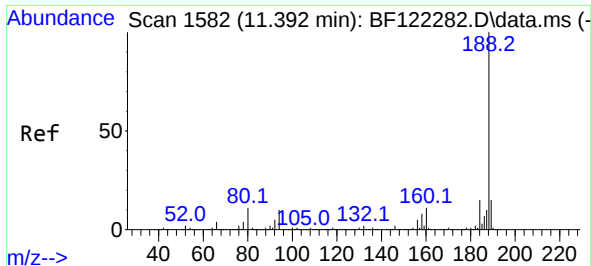
Tgt Ion:165	Resp:	69483
Ion Ratio	Lower	Upper
165	100	
63	1.2	41.3 61.9#
89	1.8	61.8 92.8#
182	0.0	2.1 3.1#



#62
4-Nitroaniline
Concen: 3.39 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.059 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion:138	Resp:	112
Ion Ratio	Lower	Upper
138	100	
92	0.0	31.0 71.0#
108	0.0	51.5 91.5#

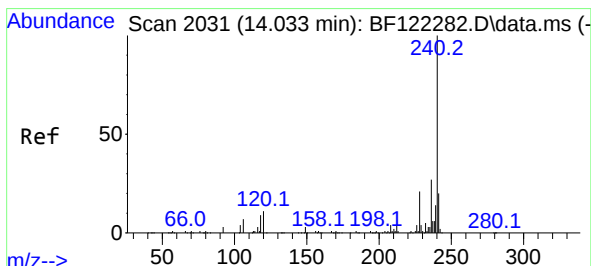
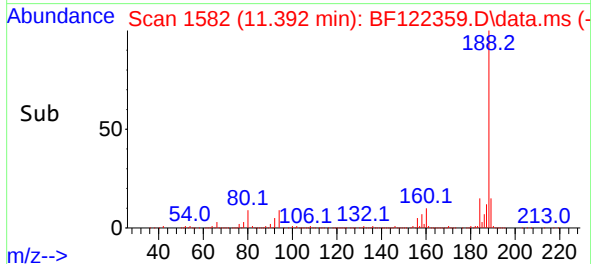
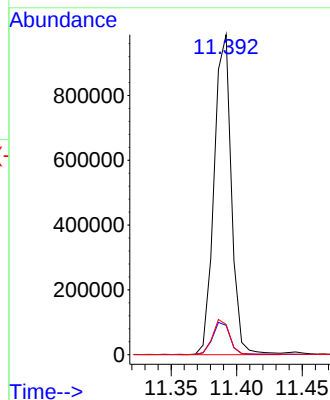
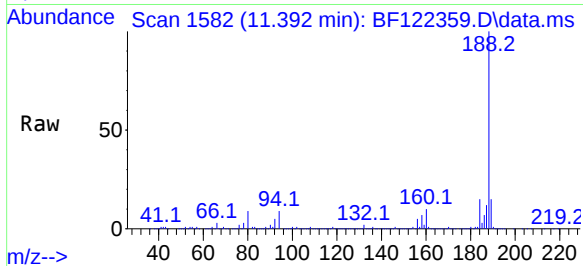




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

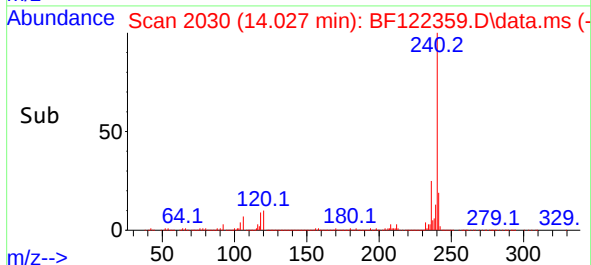
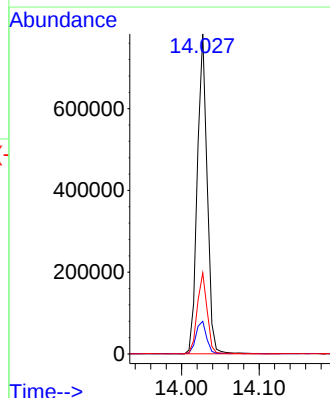
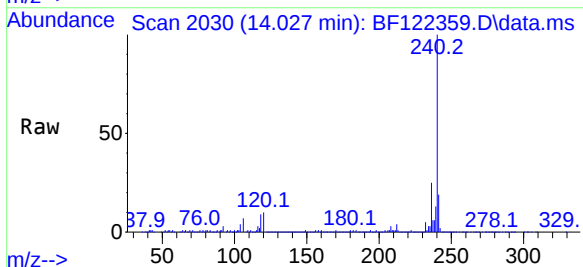
Instrument :
BNA_F
ClientSampleId :
ETGI-359

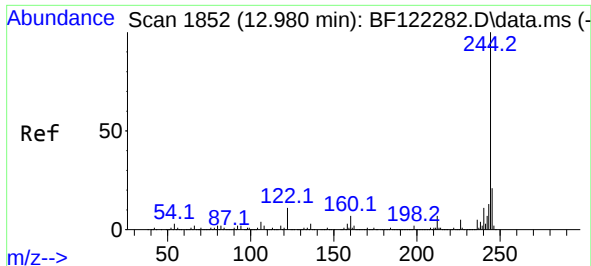
Tgt Ion:188 Resp: 903922
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.5 9.1 13.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion:240 Resp: 691655
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 25.3 20.9 31.3

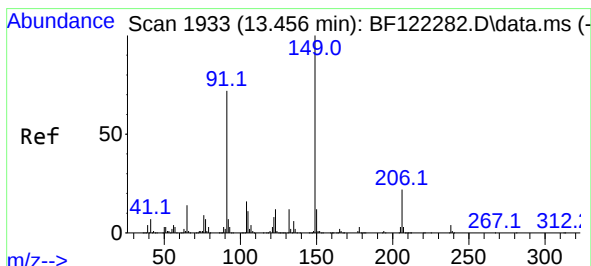
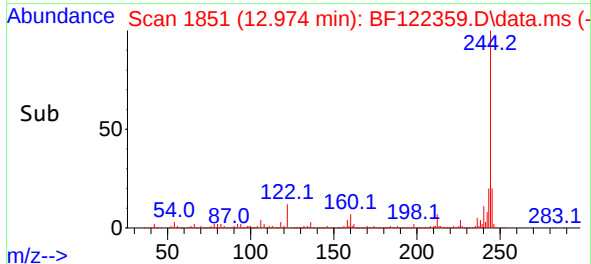
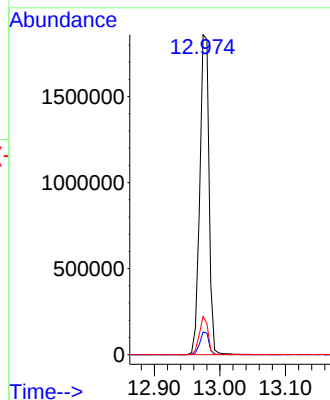
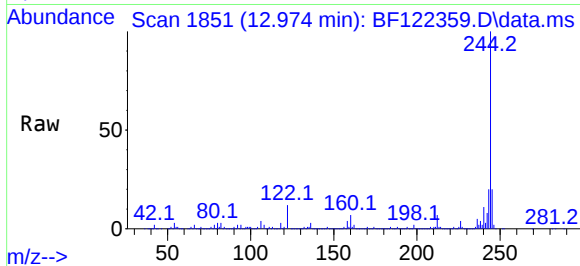




#79
Terphenyl-d14
Concen: 55.88 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

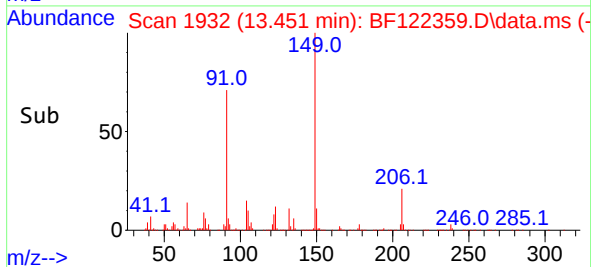
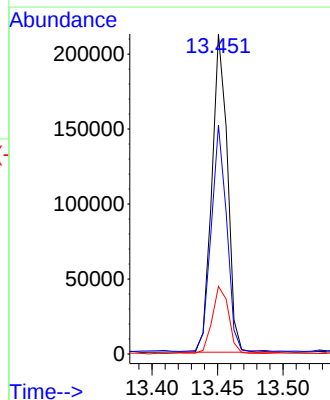
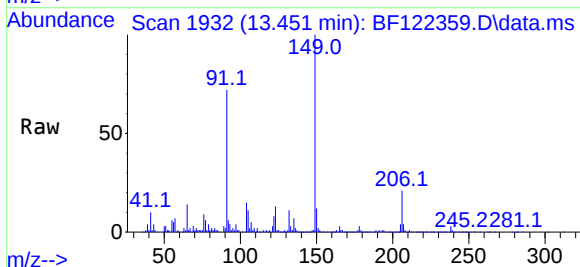
Instrument :
BNA_F
ClientSampled :
ETGI-359

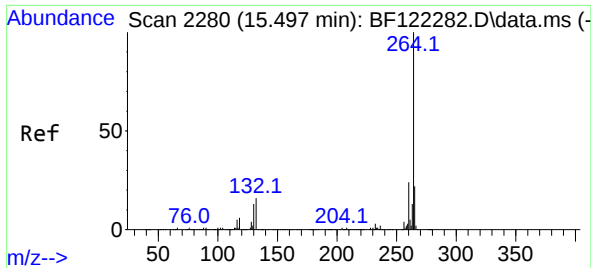
Tgt Ion:244 Resp: 1824426
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.9 8.1 12.1



#80
Butylbenzylphthalate
Concen: 11.68 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122359.D
Acq: 17 Nov 2020 22:00

Tgt Ion:149 Resp: 175504
Ion Ratio Lower Upper
149 100
91 71.6 61.0 91.4
206 21.1 16.7 25.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF122359.D
 Acq: 17 Nov 2020 22:00

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-359

Tgt Ion:264 Resp: 707782

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.3	25.9

