

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118898.D
 Acq On : 11 Feb 2020 22:01
 Operator : CG/JU
 Sample : L1456-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Quant Time: Feb 12 06:52:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

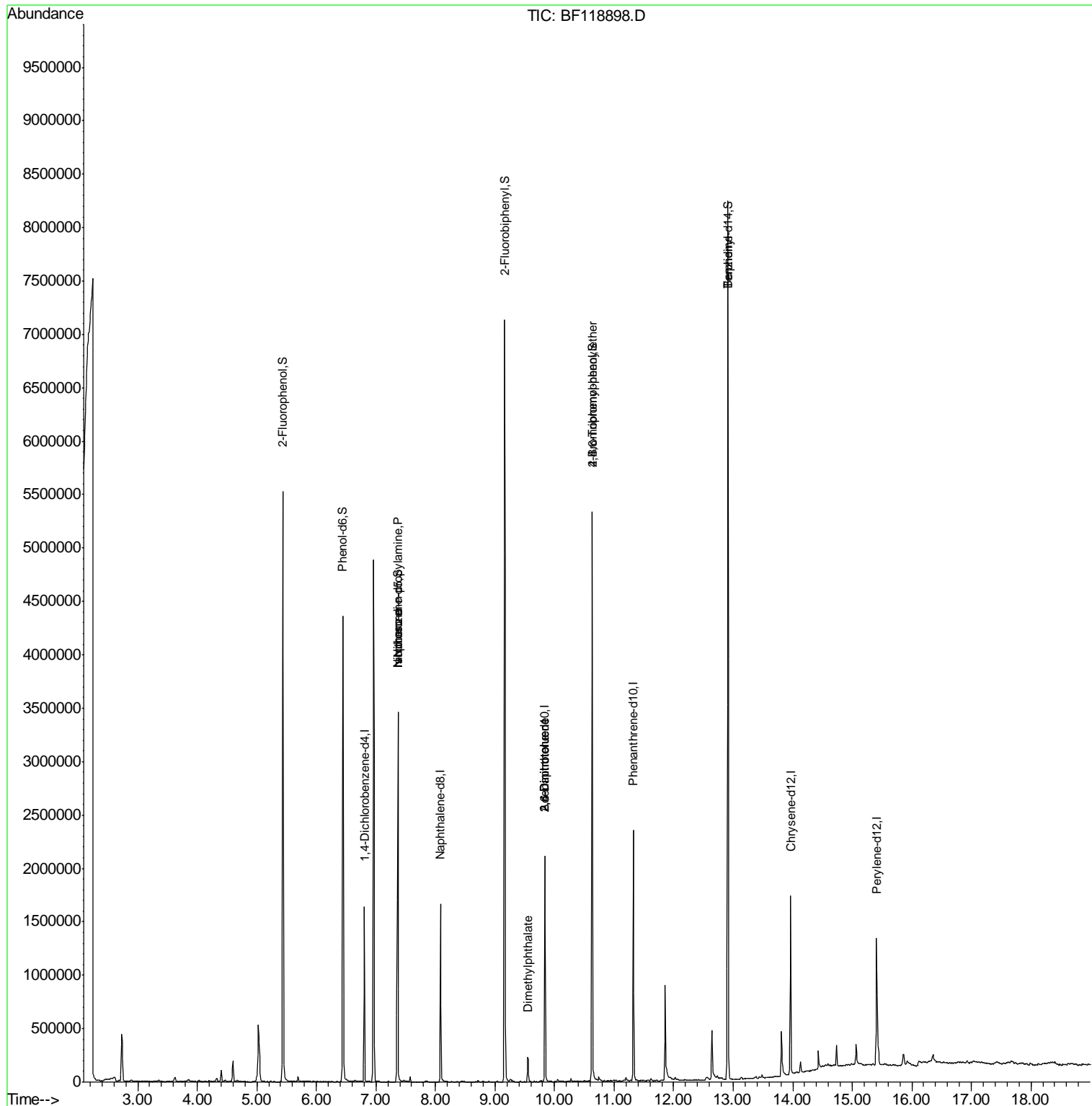
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	232797	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	775002	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	438509	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	865136	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	571842	20.00	ng	-0.02
87) Perylene-d12	15.41	264	597356	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1655684	134.63	ng	0.00
7) Phenol-d6	6.45	99	1785002	116.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	1210833	93.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	788278	150.24	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2452195	99.97	ng	-0.02
79) Terphenyl-d14	12.92	244	3154468	113.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	159	Below Cal		90
19) n-Nitroso-di-n-propylamine	7.37	70	167564	17.939	ng	# 76
25) Isophorone	7.37	82	1210822	51.816	ng	# 63
50) Dimethylphthalate	9.55	163	110961	3.716	ng	98
51) 2,6-Dinitrotoluene	9.84	165	57124	8.361	ng	# 31
57) 2,4-Dinitrotoluene	9.84	165	57124	6.318	ng	# 34
67) 4-Bromophenyl-phenylether	10.63	248	50434	4.928	ng	# 1
77) Benzidine	12.92	184	41734	2.413	ng	# 93

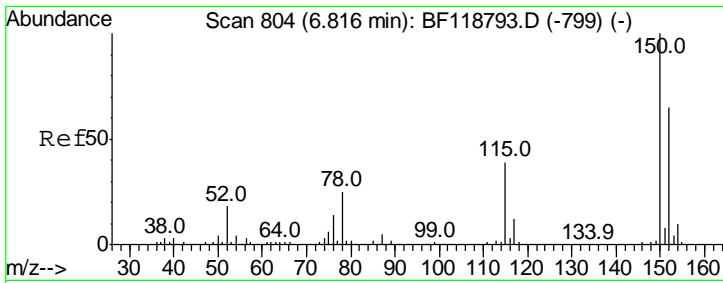
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118898.D
 Acq On : 11 Feb 2020 22:01
 Operator : CG/JU
 Sample : L1456-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Quant Time: Feb 12 06:52:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

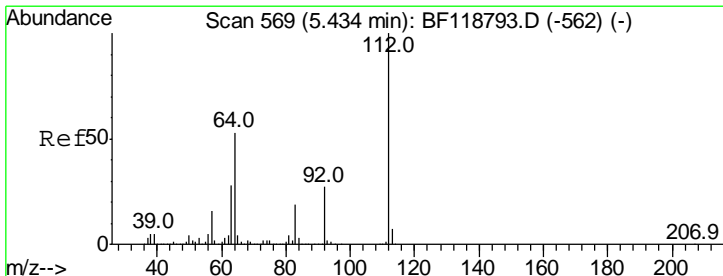
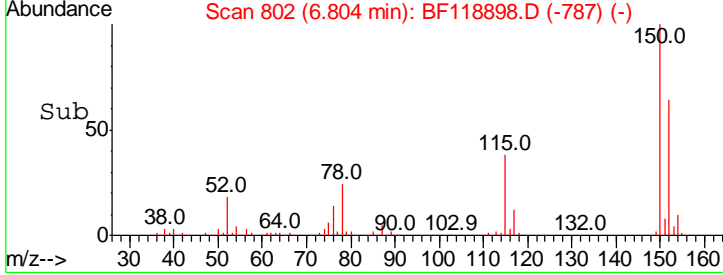
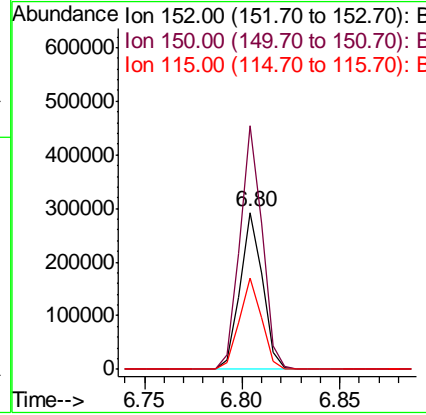
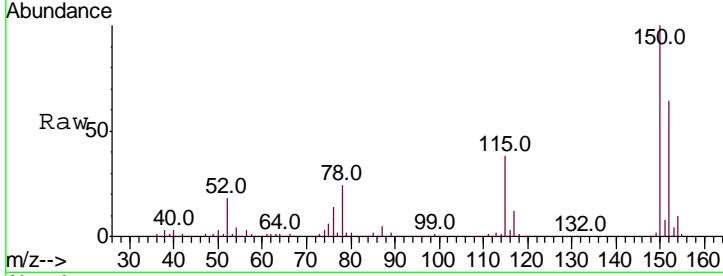




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

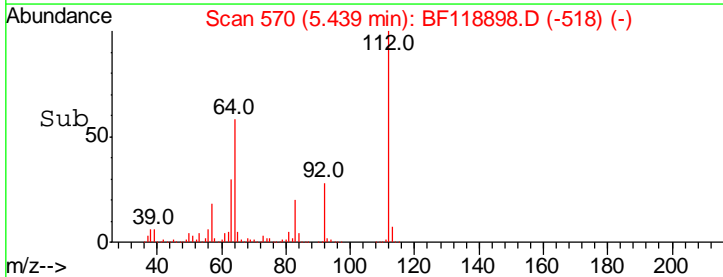
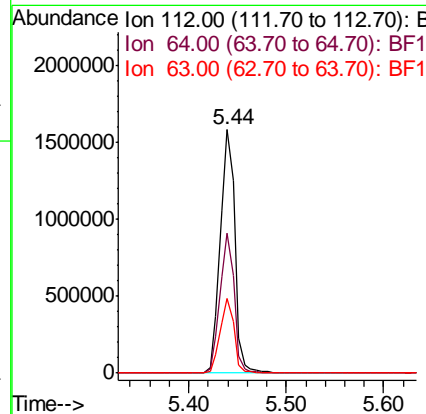
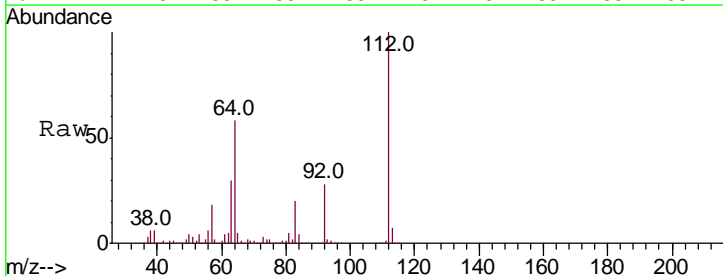
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

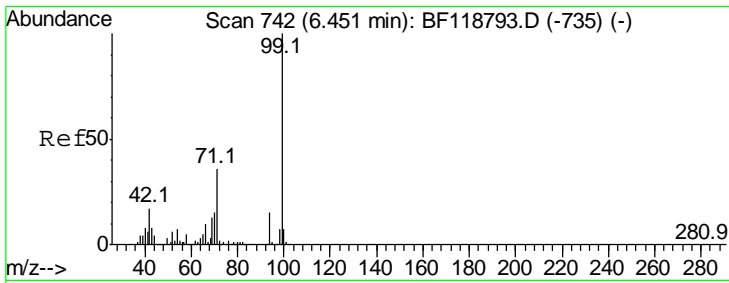
Tgt Ion	Resp	Lower	Upper
152	100		
150	155.3	123.6	185.4
115	58.3	48.2	72.2



#5
 2-Fluorophenol
 Concen: 134.628 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion	Resp	Lower	Upper
112	100		
64	57.7	42.6	63.8
63	30.4	22.2	33.4



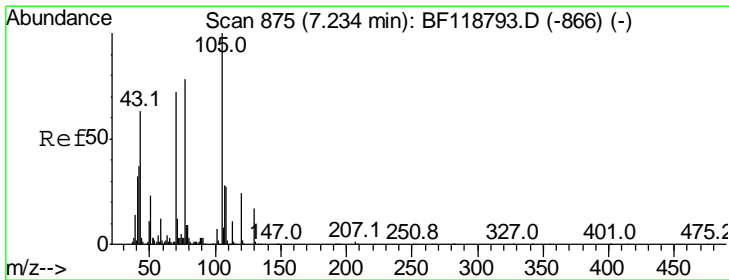
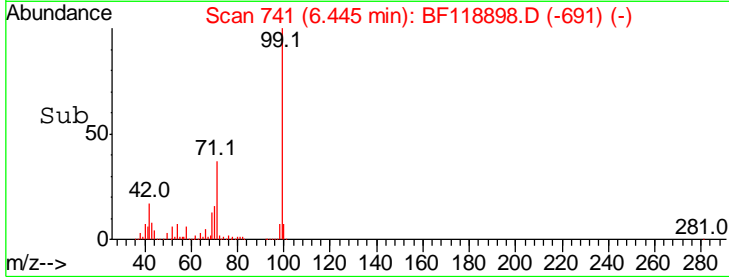
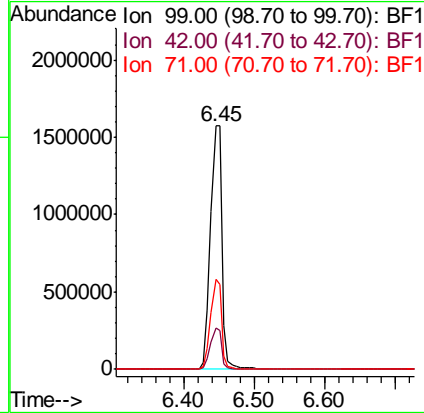
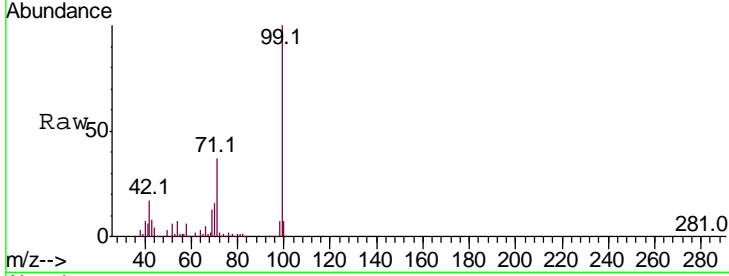


#7
 Phenol-d6
 Concen: 116.923 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Tgt Ion: 99 Resp: 1785002

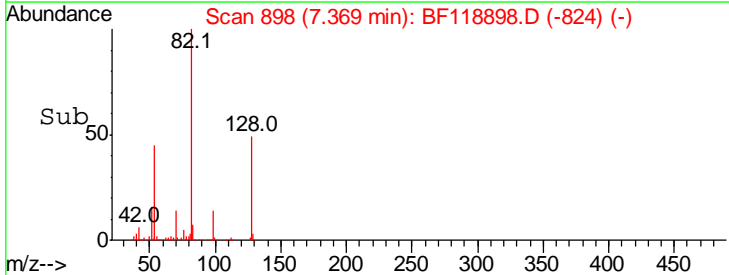
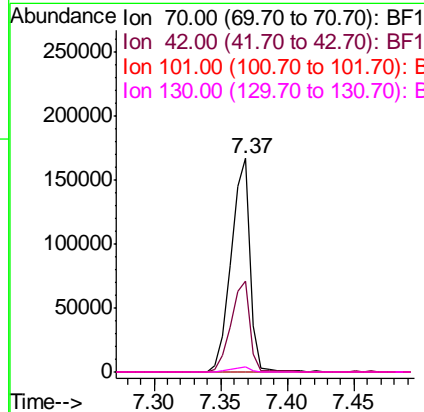
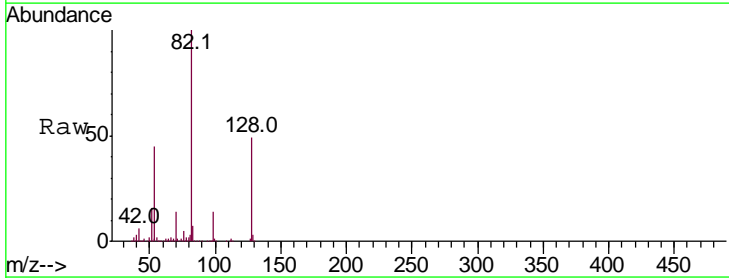
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.0
71	36.7	29.0	43.6

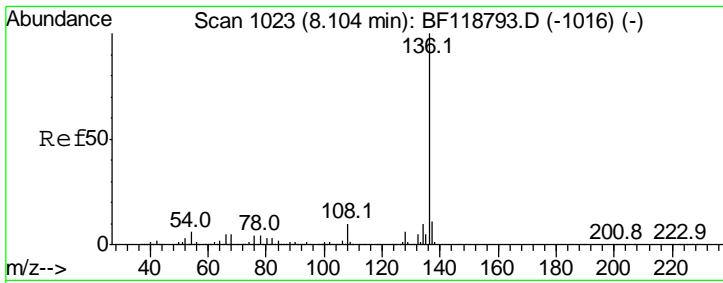


#19
 n-Nitroso-di-n-propylamine
 Concen: 17.939 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.14 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion: 70 Resp: 167564

Ion	Ratio	Lower	Upper
70	100		
42	42.4	41.5	62.3
101	0.0	8.3	12.5#
130	2.5	19.2	28.8#

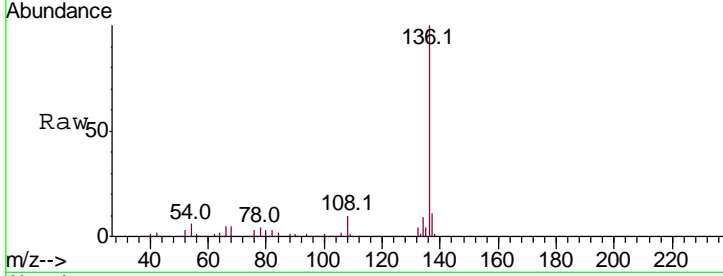




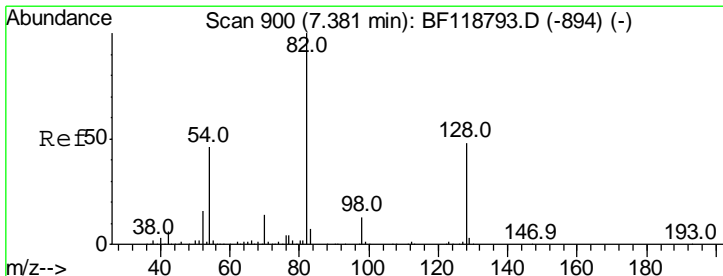
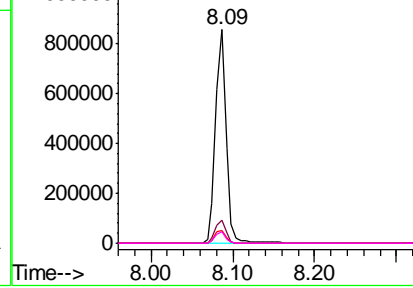
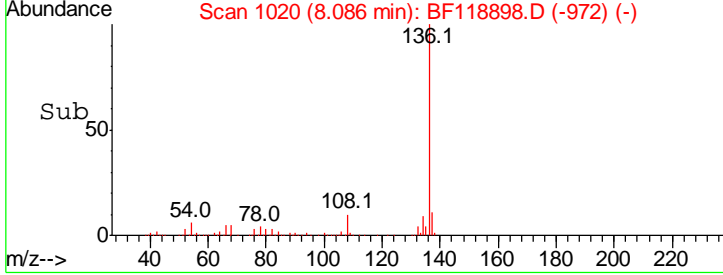
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Instrument :
 BNA_F
 ClientSampled :
 ETGI-337-290

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.1	5.0	7.6
68	5.4	4.2	6.4

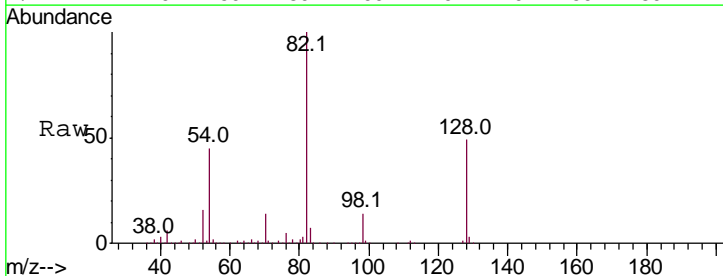


Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1

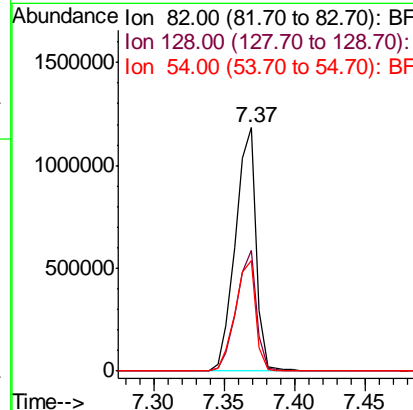
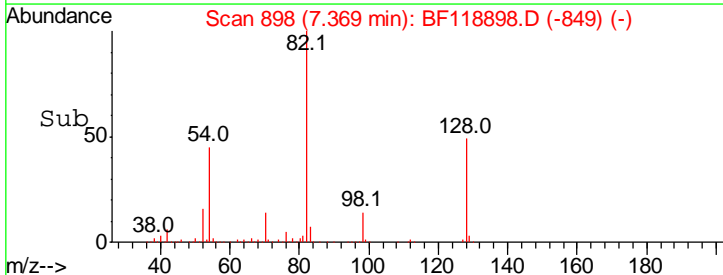


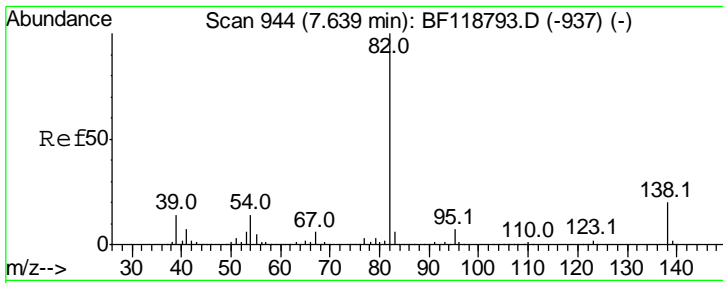
#23
 Nitrobenzene-d5
 Concen: 93.124 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion	Resp	Lower	Upper
82	100		
128	49.3	38.5	57.7
54	45.2	36.7	55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



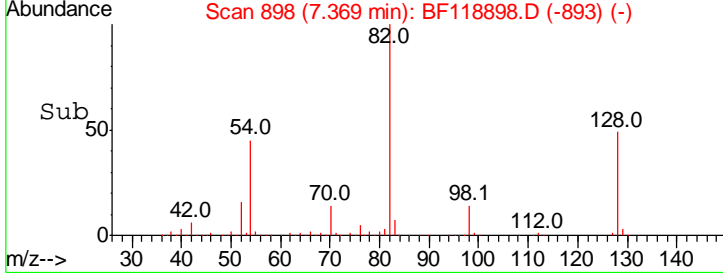
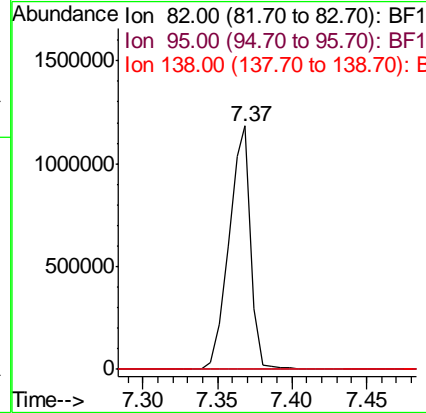
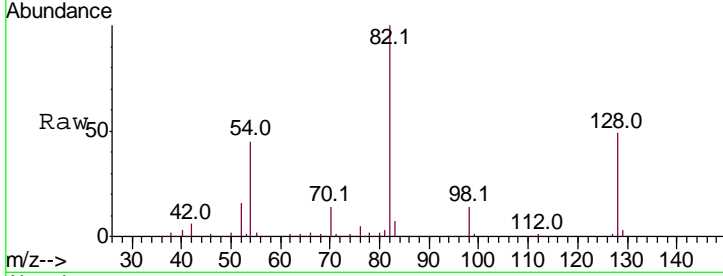


#25
 Isophorone
 Concen: 51.816 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.27 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Tgt Ion: 82 Resp: 1210822

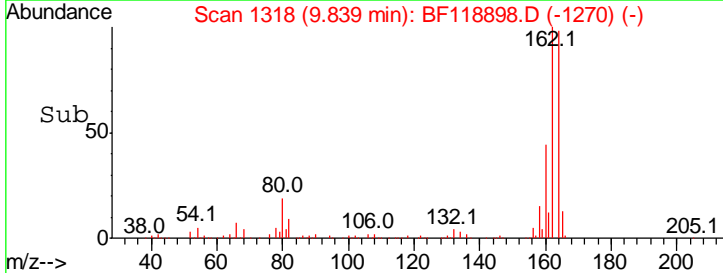
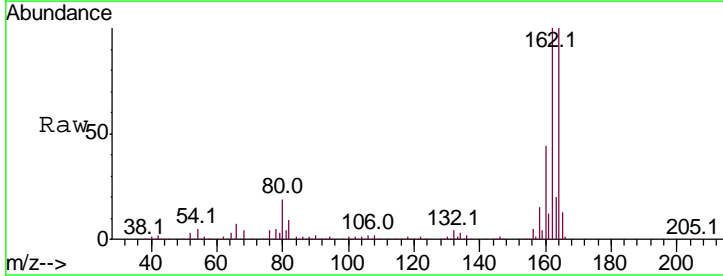
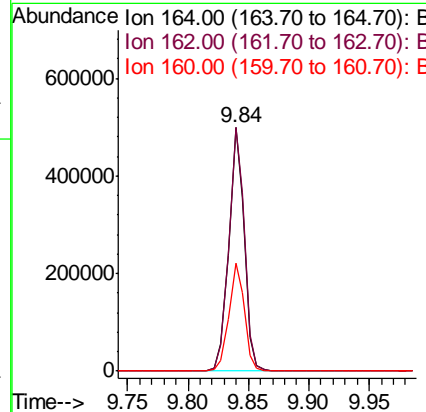
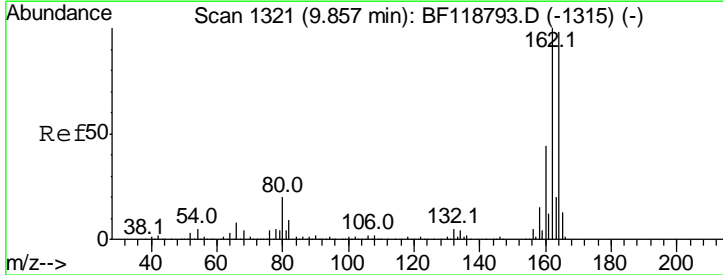
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

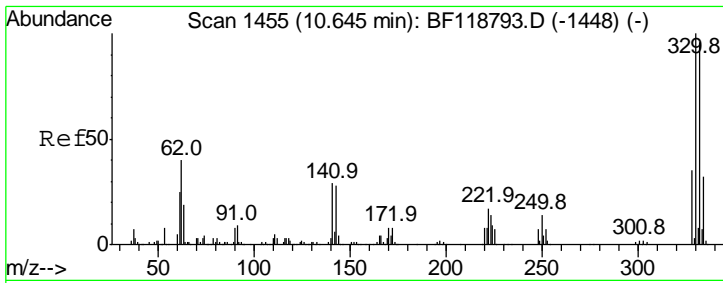


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion: 164 Resp: 438509

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.2
160	44.5	35.6	53.4

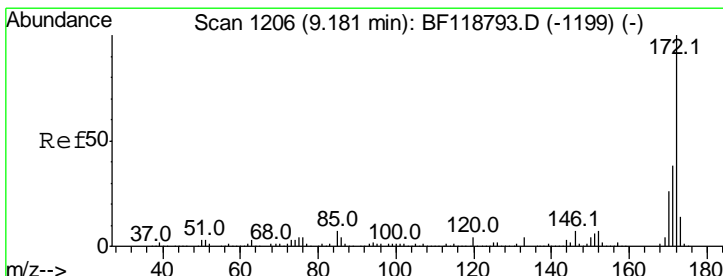
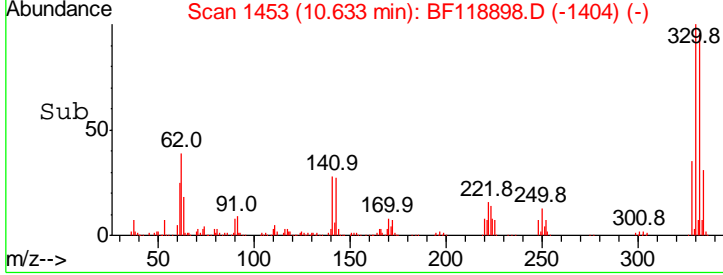
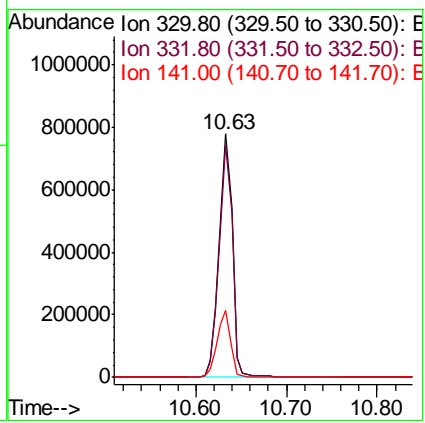
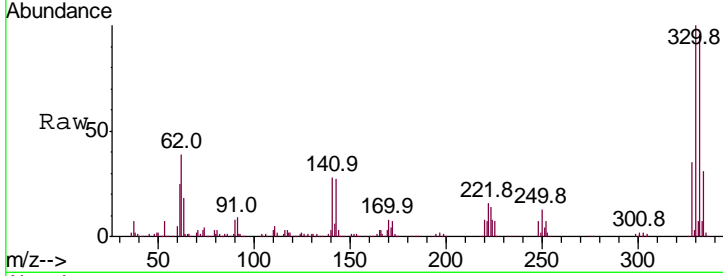




#42
 2,4,6-Tribromophenol
 Concen: 150.237 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

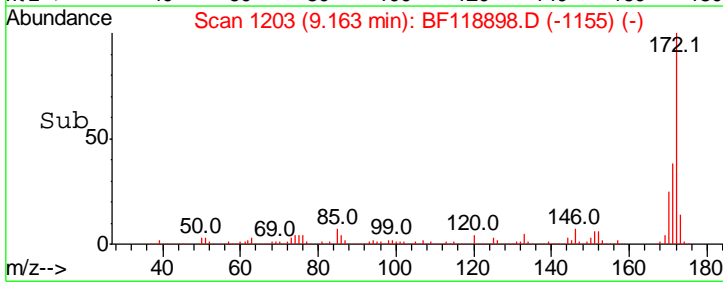
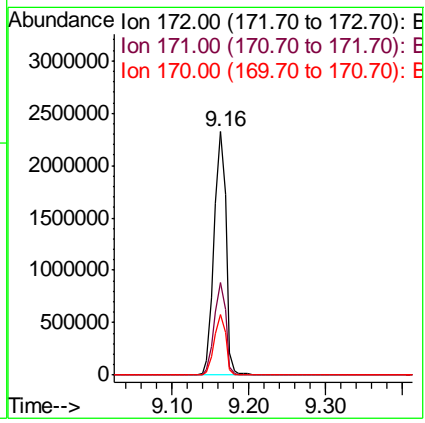
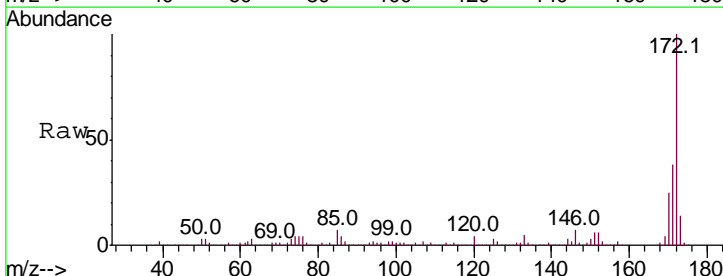
Instrument :
 BNA_F
 ClientSampleID :
 ETGI-337-290

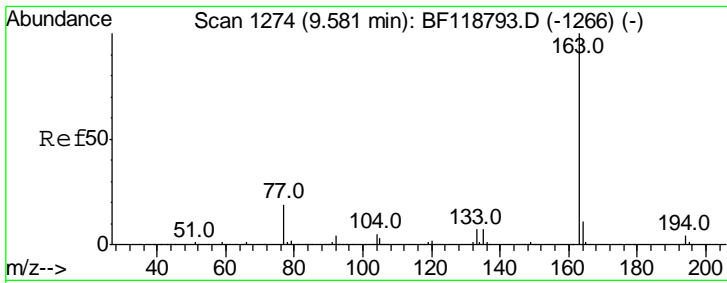
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	27.8	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 99.970 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.0	20.5	30.7

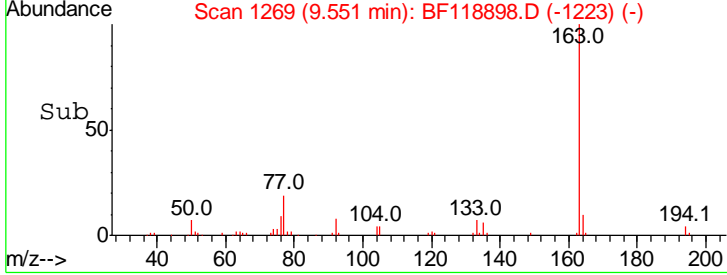
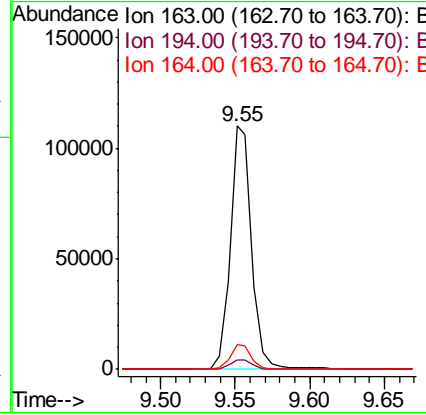
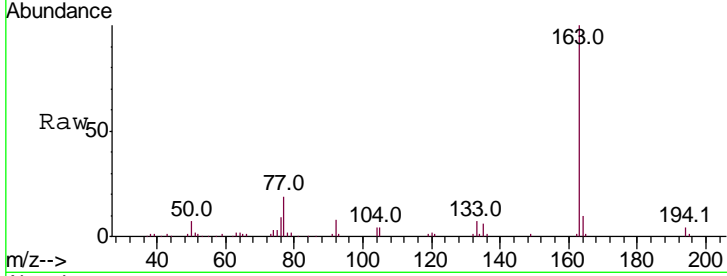




#50
 Dimethylphthalate
 Concen: 3.716 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

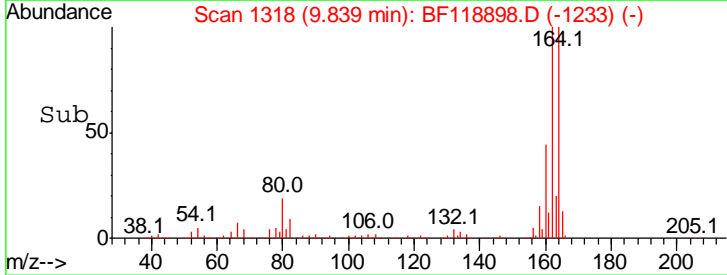
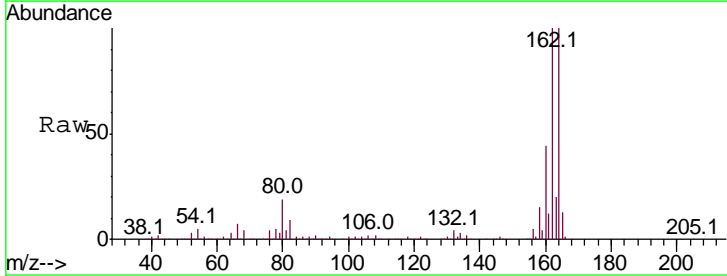
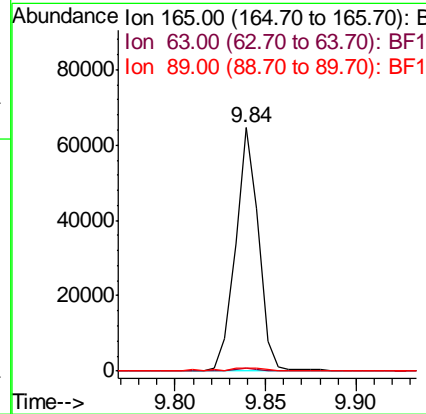
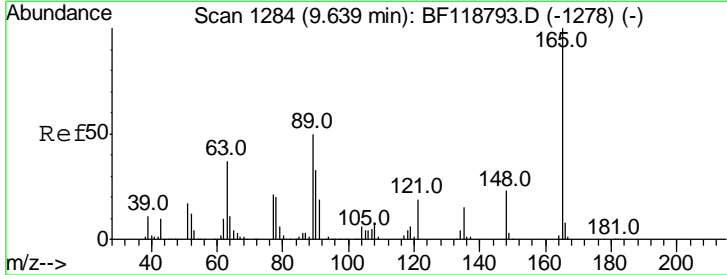
Instrument :
 BNA_F
ClientSampled :
 ETGI-337-290

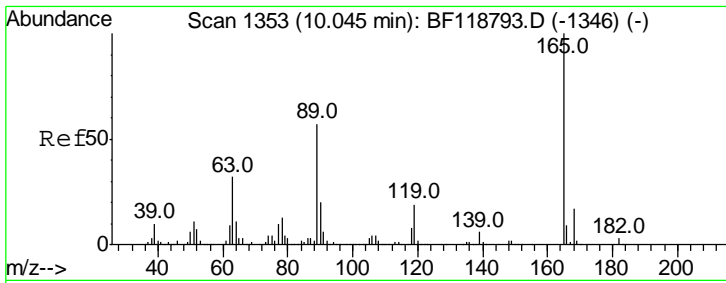
Tgt Ion	Resp	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	10.0	8.7	13.1



#51
 2,6-Dinitrotoluene
 Concen: 8.361 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.4	39.7	59.5#

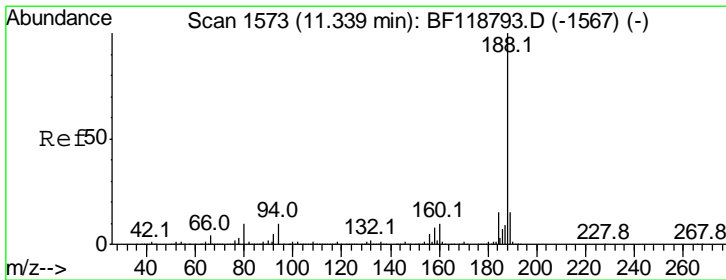
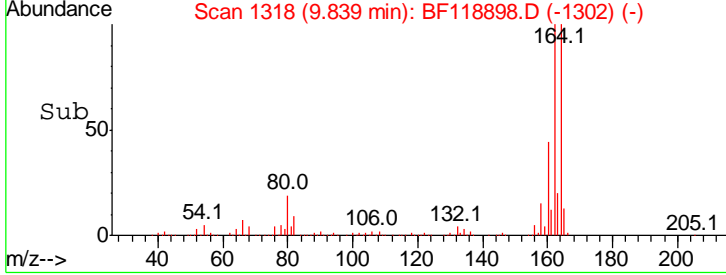
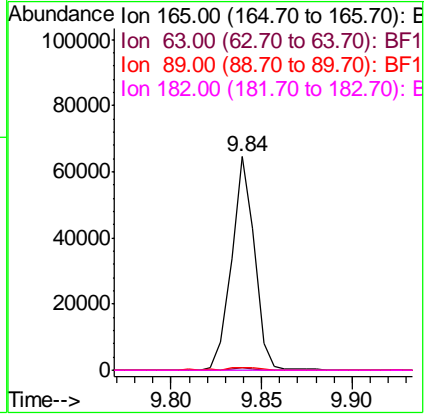
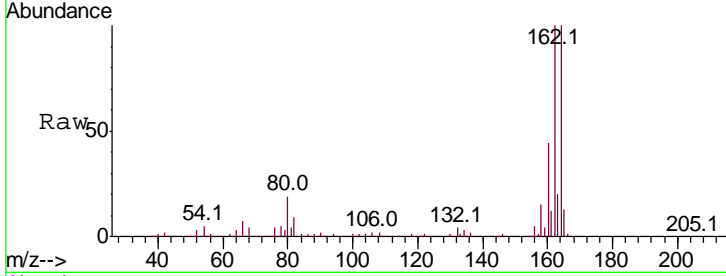




#57
 2,4-Dinitrotoluene
 Concen: 6.318 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

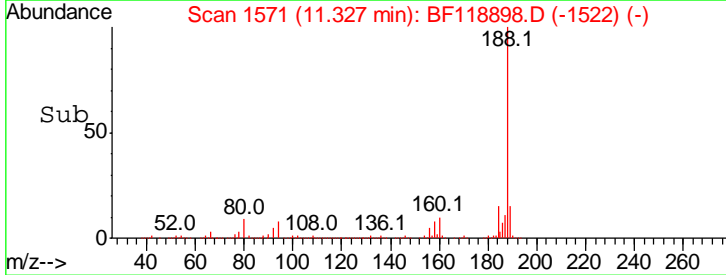
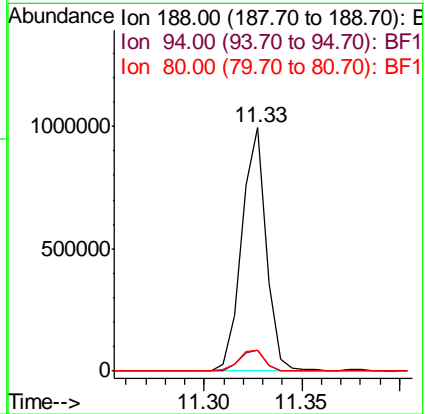
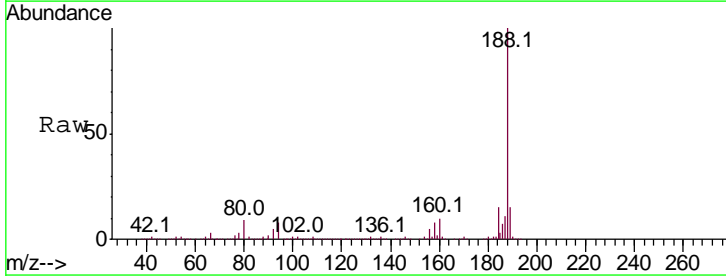
Instrument :
 BNA_F
ClientSampled :
 ETGI-337-290

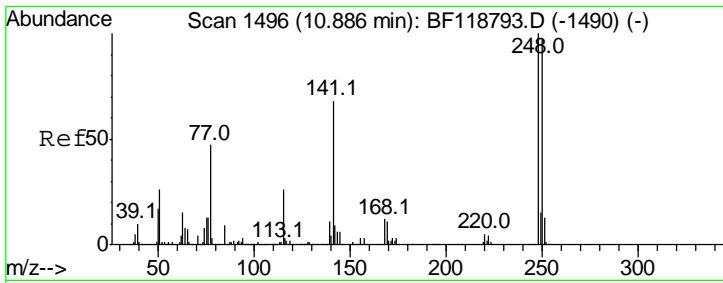
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.4	45.4	68.0#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion	Resp	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	8.7	8.4	12.6

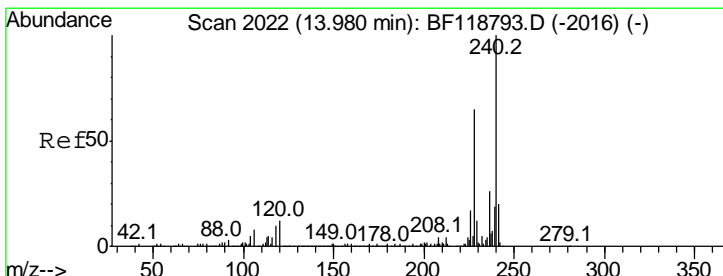
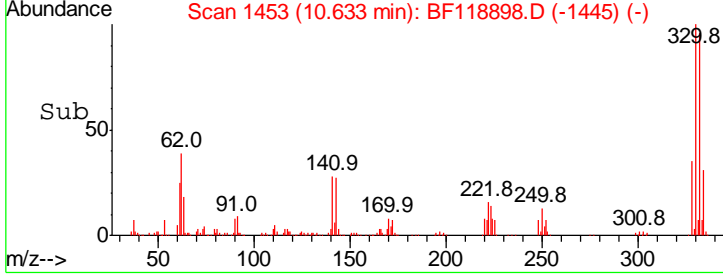
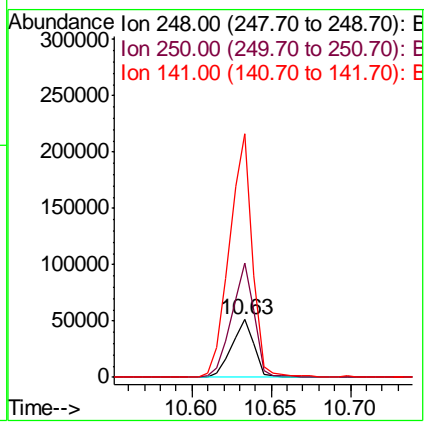
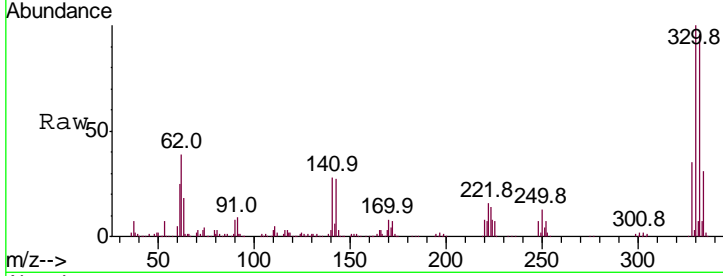




#67
 4-Bromophenyl-phenylether
 Concen: 4.928 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

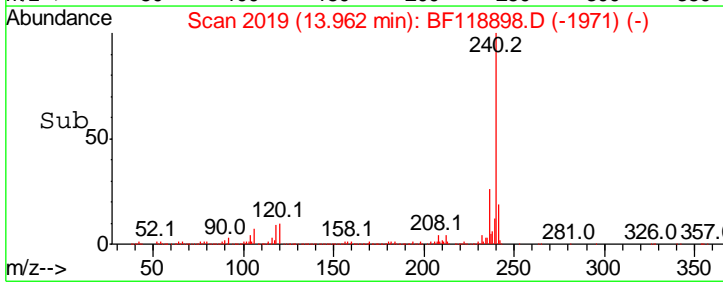
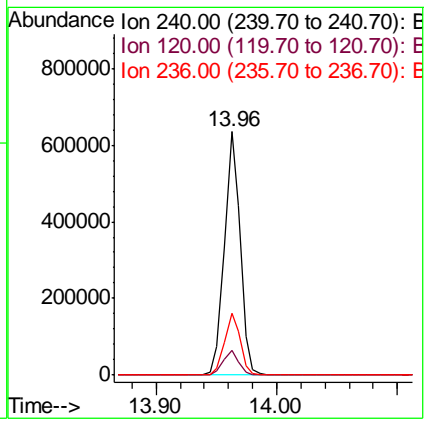
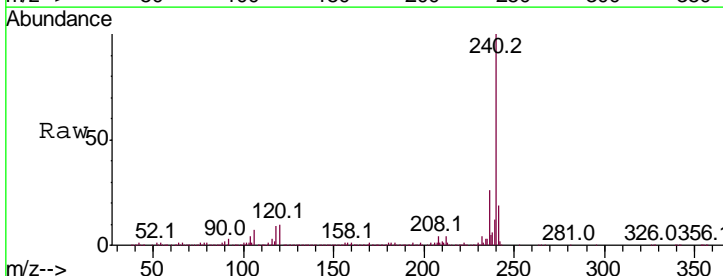
Instrument :
 BNA_F
ClientSampled :
 ETGI-337-290

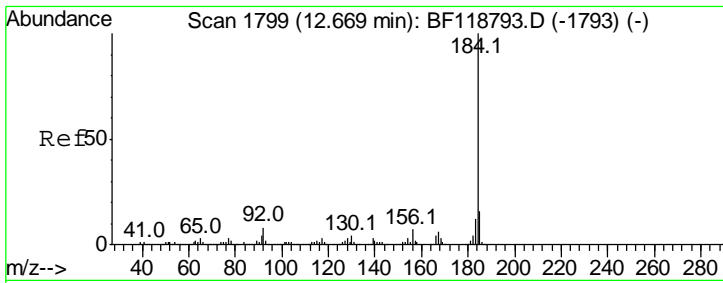
Tgt Ion	Resp	Lower	Upper
248	100		
250	199.7	77.6	116.4#
141	423.9	54.4	81.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion	Resp	Lower	Upper
240	100		
120	10.2	9.4	14.0
236	25.5	21.0	31.6



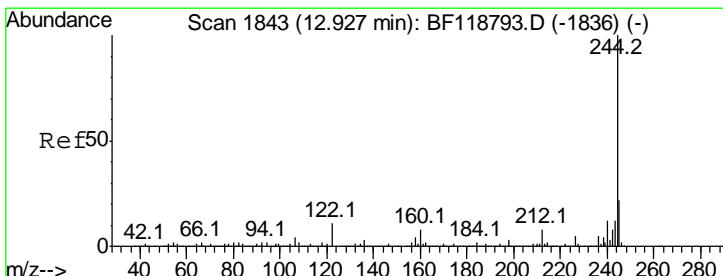
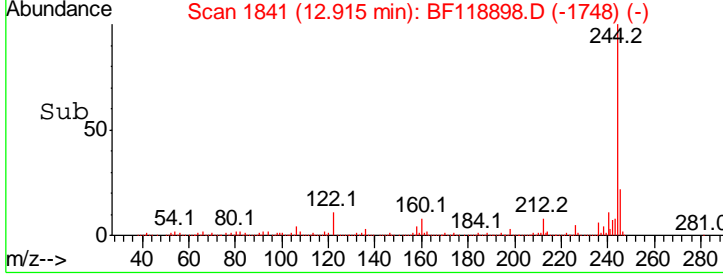
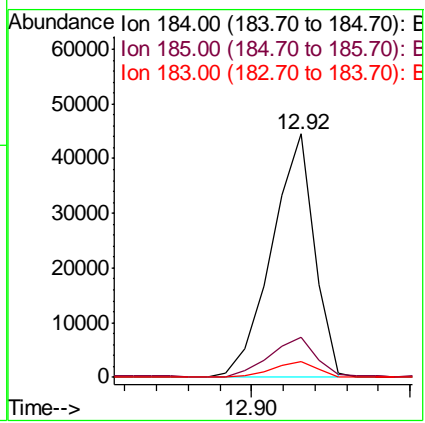
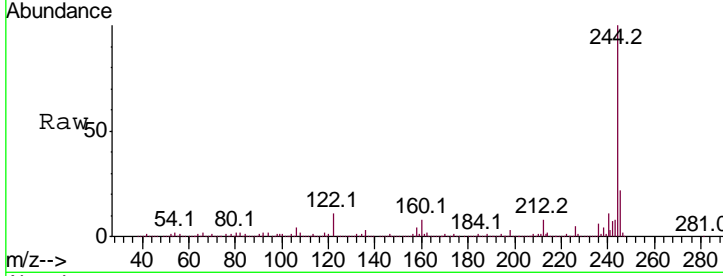


#77
 Benzidine
 Concen: 2.413 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.25 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Tgt Ion: 184 Resp: 41734

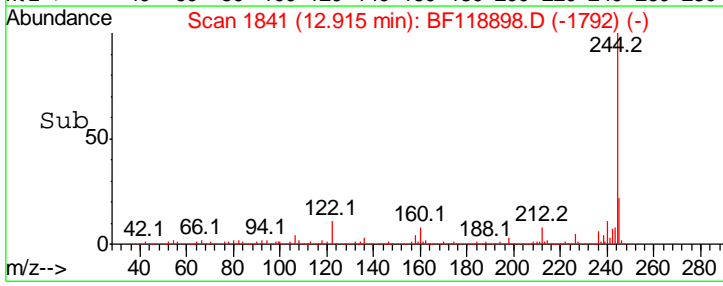
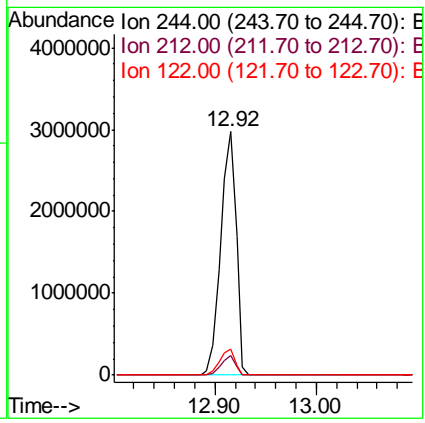
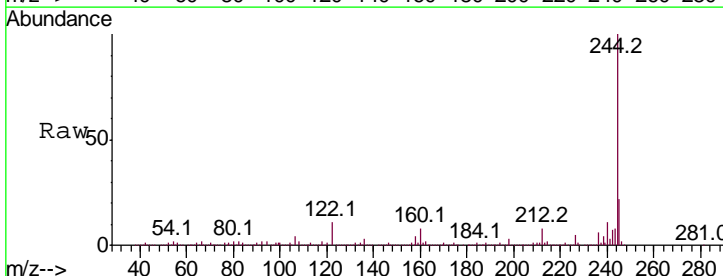
Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.5	18.7
183	6.6	9.7	14.5#

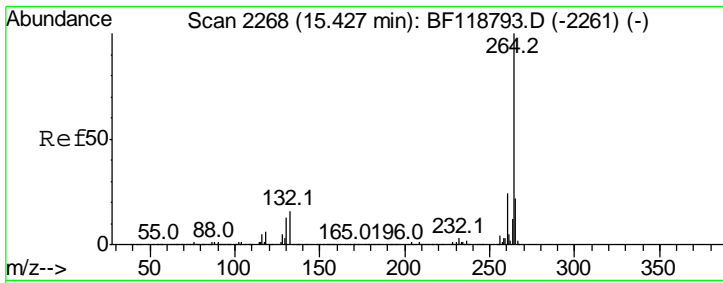


#79
 Terphenyl-d14
 Concen: 113.308 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Tgt Ion: 244 Resp: 3154468

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.6	8.9	13.3





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.02 min
 Lab File: BF118898.D
 Acq: 11 Feb 2020 22:01

Instrument :
 BNA_F
ClientSampleId :
 ETGI-337-290

Tot Ion: 264 Resp: 597356

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	17.2	25.8

