

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118867.D
 Acq On : 10 Feb 2020 13:09
 Operator : CG/JU
 Sample : L1456-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Quant Time: Feb 11 00:14:09 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

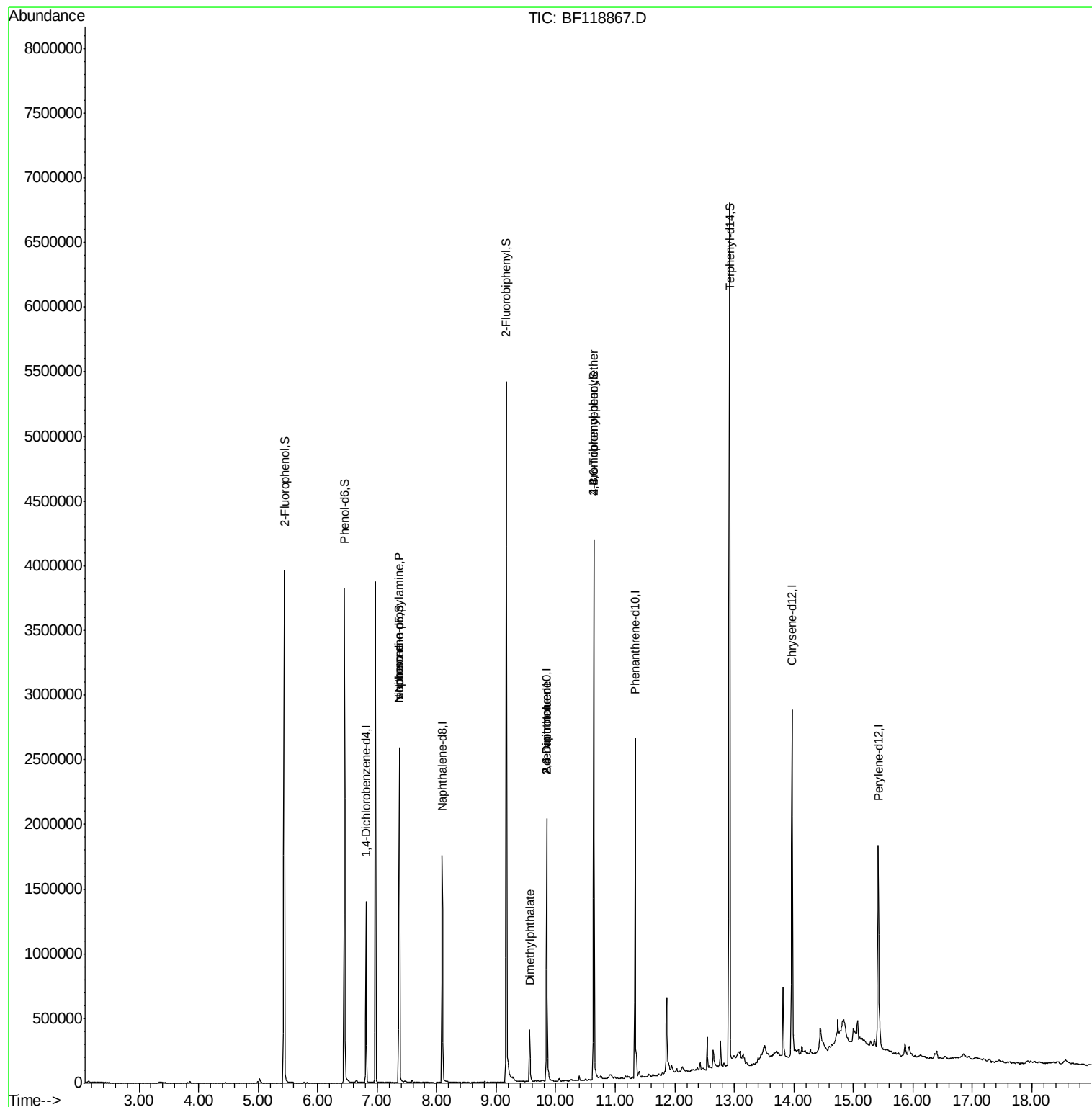
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	216155	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	820573	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	504790	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	987567	20.00	ng	0.00
76) Chrysene-d12	13.97	240	934804	20.00	ng	-0.01
87) Perylene-d12	15.42	264	849982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1189889	104.20	ng	0.00
7) Phenol-d6	6.45	99	1404835	99.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	939495	68.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	598831	99.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1971338	69.81	ng	-0.01
79) Terphenyl-d14	12.92	244	2687891	59.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	166	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	128525	14.819 ng	#	47
25) Isophorone	7.37	82	939487	37.971 ng	#	63
50) Dimethylphthalate	9.56	163	183274	5.332 ng		99
51) 2,6-Dinitrotoluene	9.85	165	65213	8.292 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	65776	6.320 ng	#	34
67) 4-Bromophenyl-phenylether	10.64	248	38792	3.321 ng	#	1

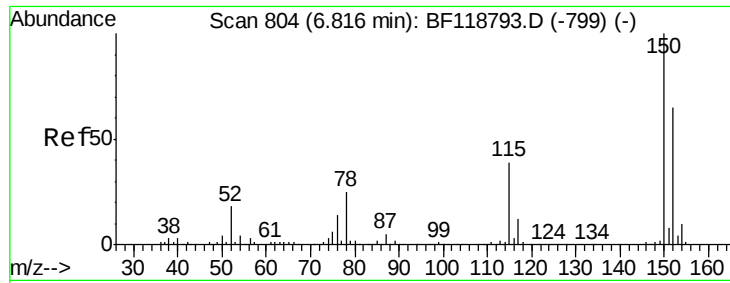
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
ETGI-337-290

Quant Time: Feb 11 00:14:09 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



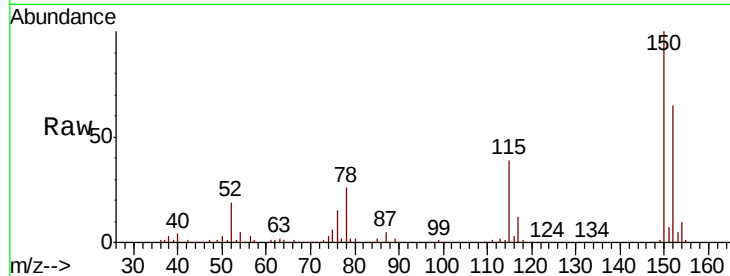


#1

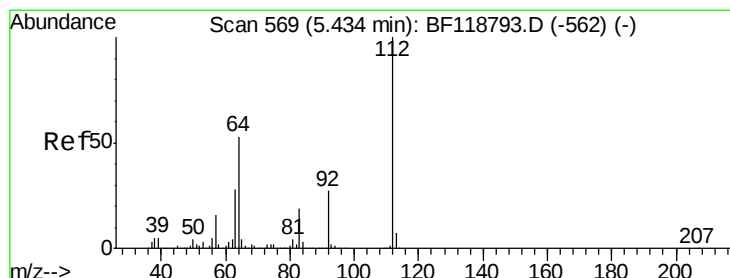
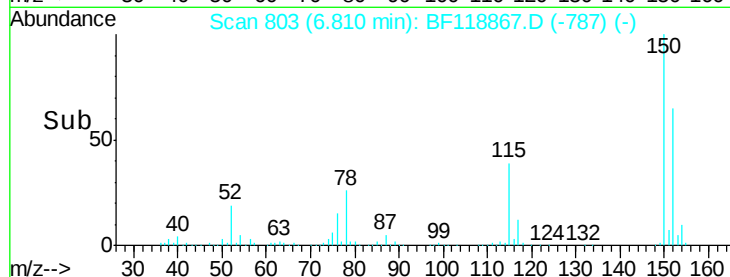
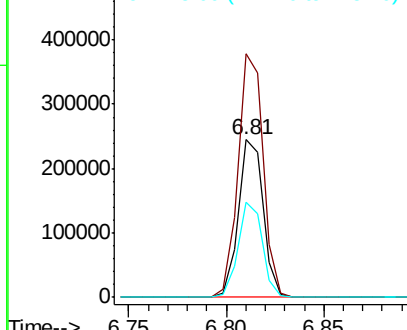
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118867.D
Acq: 10 Feb 2020 13:09

Instrument :
BNA_F
ClientSampleId :
ETGI-337-290

Tot Ion:152 Resp: 216155
Ion Ratio Lower Upper
152 100
150 154.7 123.6 185.4
115 60.2 48.2 72.2



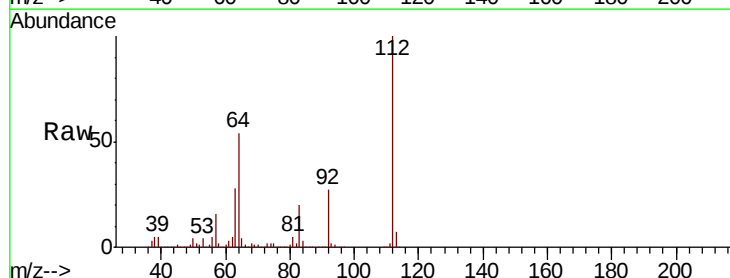
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



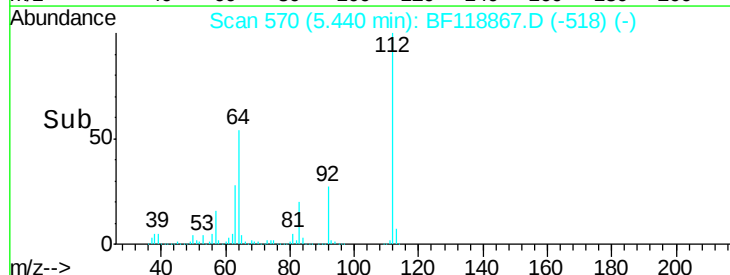
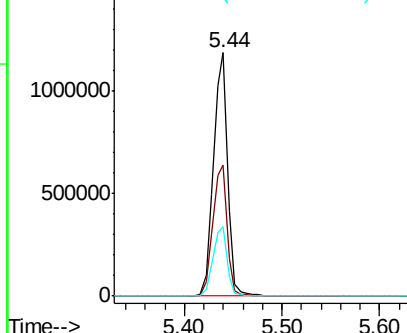
#5

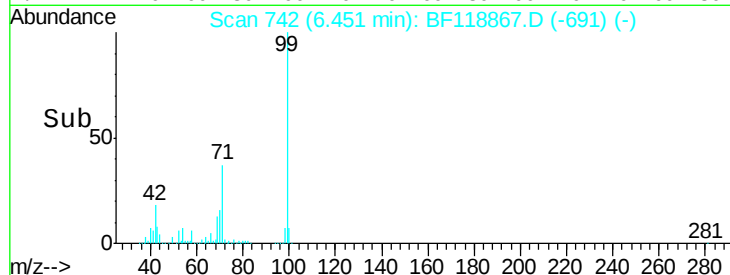
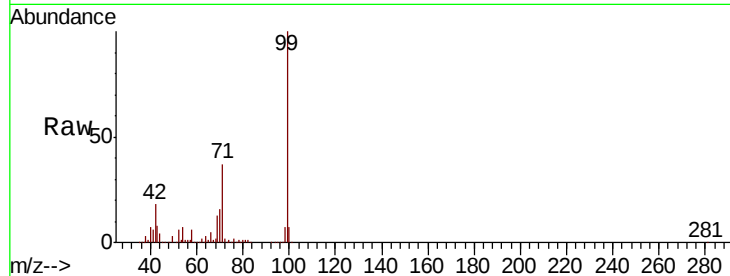
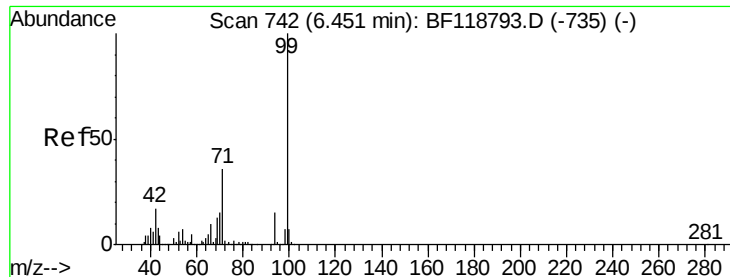
2-Fluorophenol
Concen: 104.202 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118867.D
Acq: 10 Feb 2020 13:09

Tgt Ion:112 Resp: 1189889
Ion Ratio Lower Upper
112 100
64 53.9 42.6 63.8
63 28.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.106 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

Instrument :

BNA_F

ClientSampleId :

ETGI-337-290

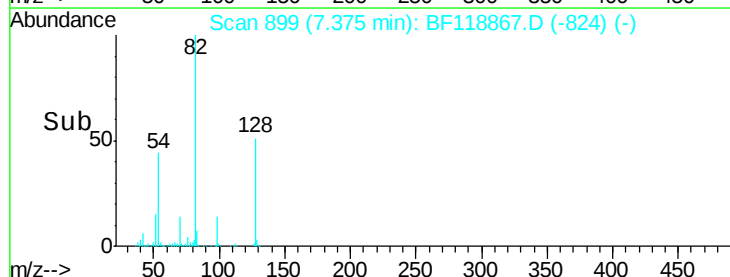
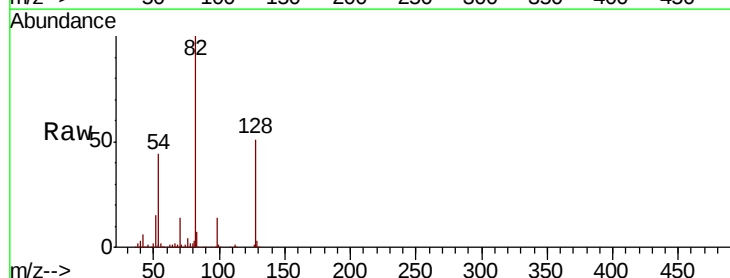
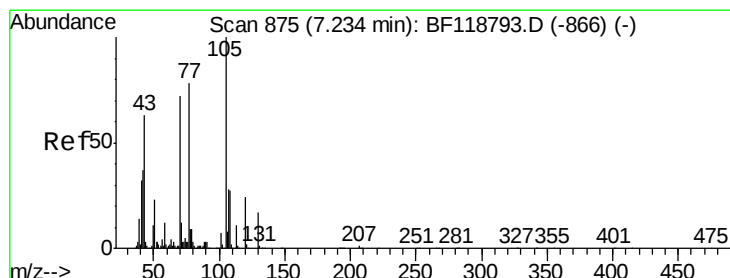
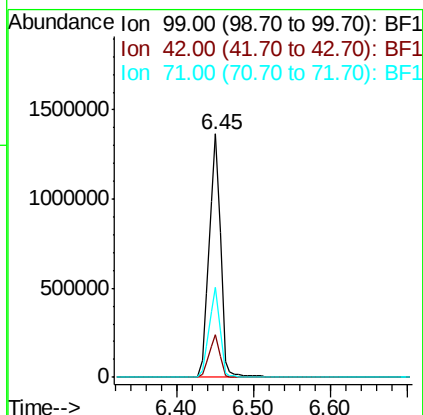
Tot Ion: 99 Resp: 1404835

Ion Ratio Lower Upper

99 100

42 17.6 13.4 20.0

71 37.2 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.819 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

Tgt Ion: 70 Resp: 128525

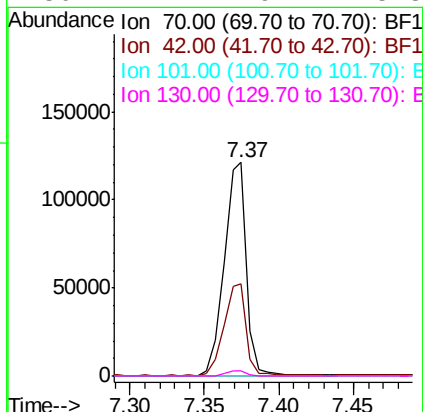
Ion Ratio Lower Upper

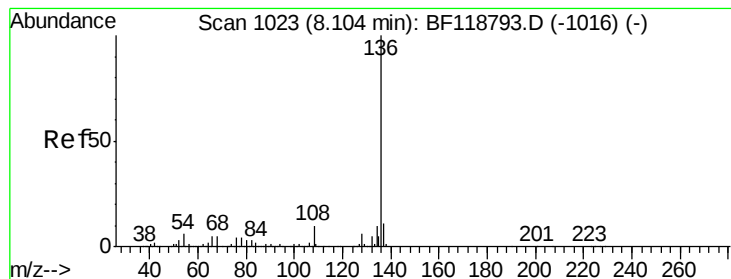
70 100

42 42.9 41.5 62.3

101 0.0 8.3 12.5#

130 2.2 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

Instrument :

BNA_F

ClientSampleId :

ETGI-337-290

Tot Ion:136 Resp: 820573

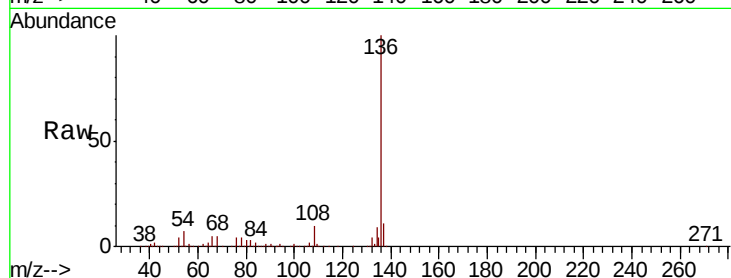
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.6 5.0 7.6

68 5.5 4.2 6.4

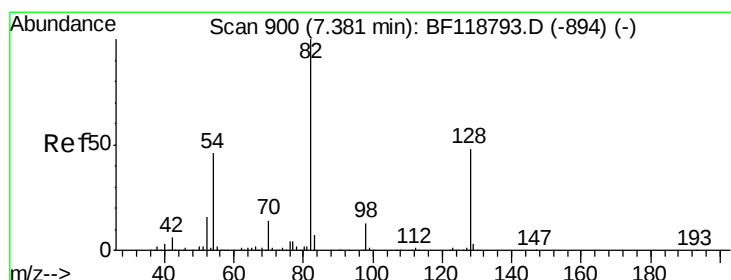
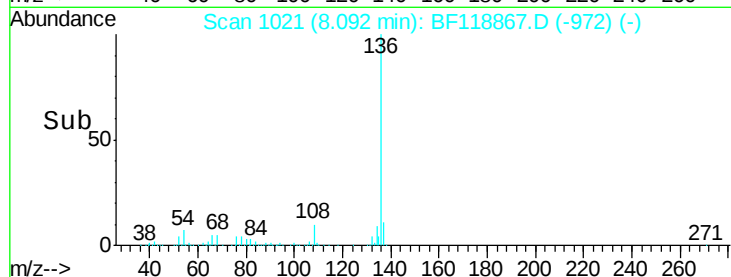
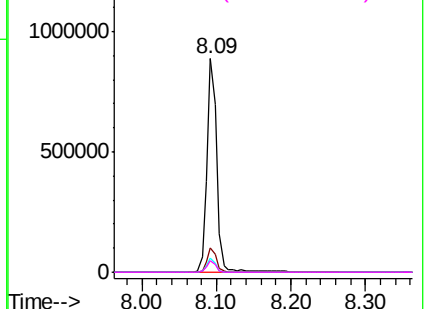


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.243 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

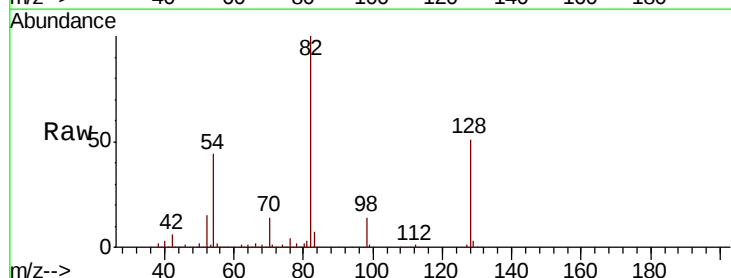
Tgt Ion: 82 Resp: 939495

Ion Ratio Lower Upper

82 100

128 50.8 38.5 57.7

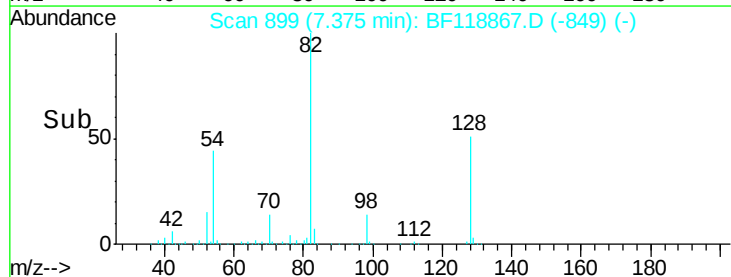
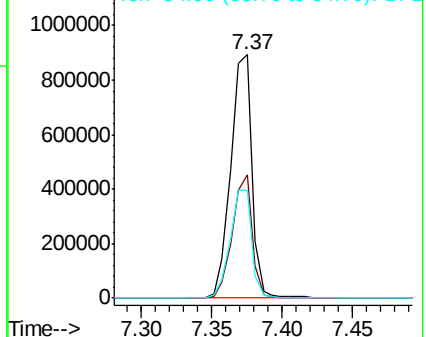
54 44.1 36.7 55.1

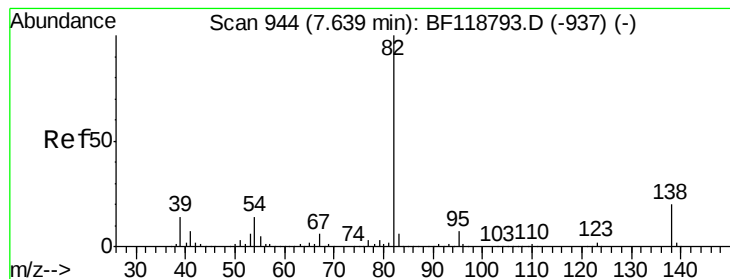


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.971 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

Instrument :

BNA_F

ClientSampleId :

ETGI-337-290

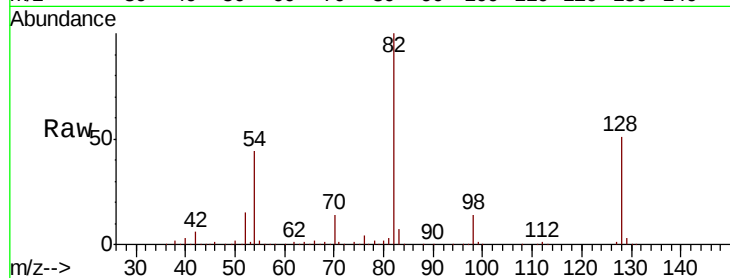
Tot Ion: 82 Resp: 939487

Ion Ratio Lower Upper

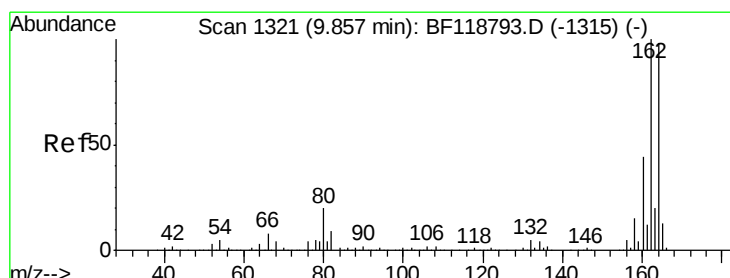
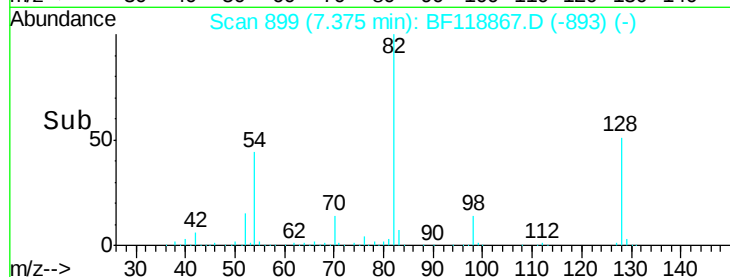
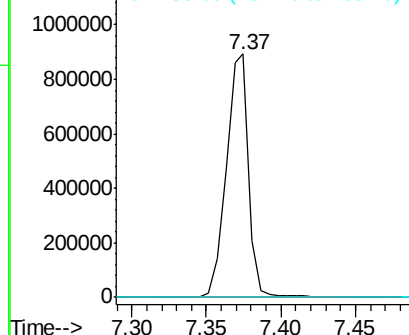
82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

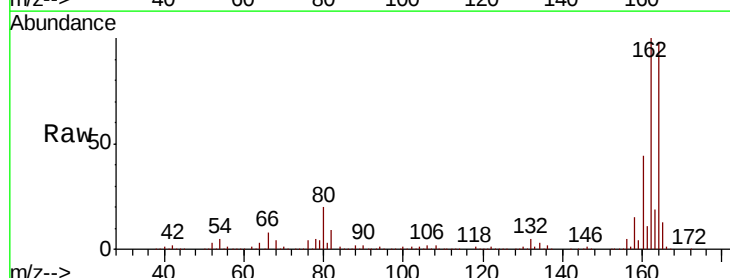
Tgt Ion: 164 Resp: 504790

Ion Ratio Lower Upper

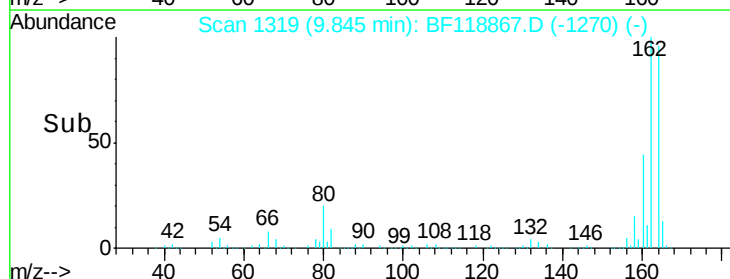
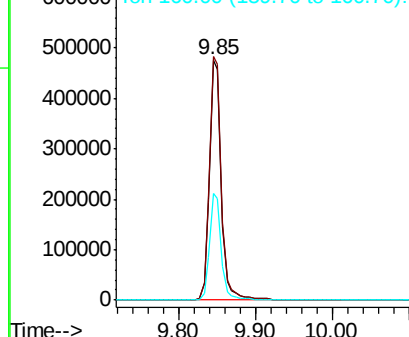
164 100

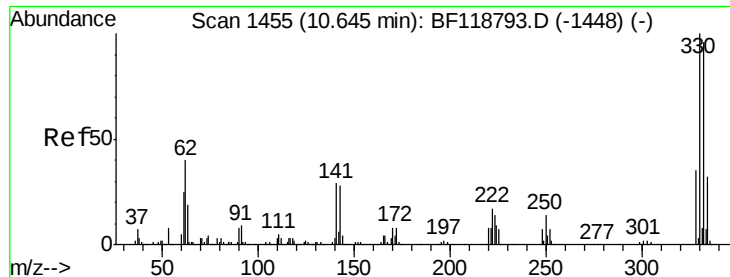
162 101.5 81.4 122.2

160 44.5 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

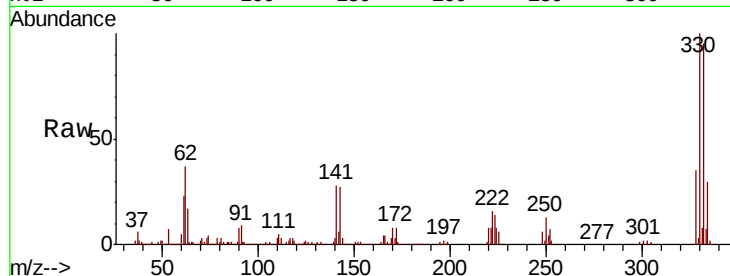




#42
 2,4,6-Tribromophenol
 Concen: 99.145 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118867.D
 Acq: 10 Feb 2020 13:09

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	29.0	22.4	33.6

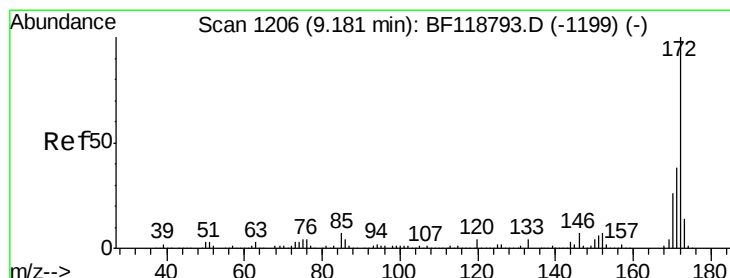
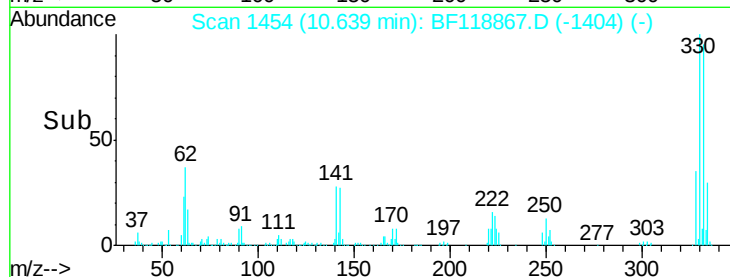
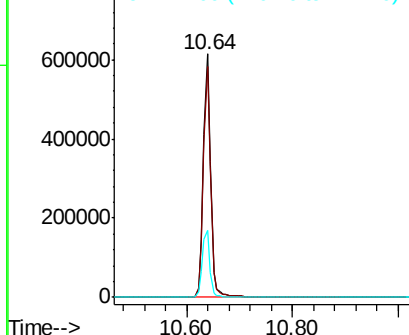


Abundance

Ion 329.80 (329.50 to 330.50): E

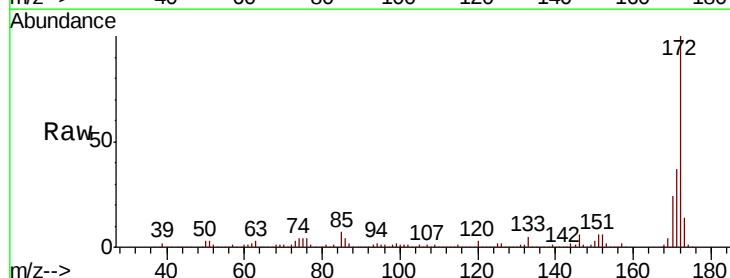
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.814 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118867.D
 Acq: 10 Feb 2020 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.8	46.2
170	24.2	20.5	30.7

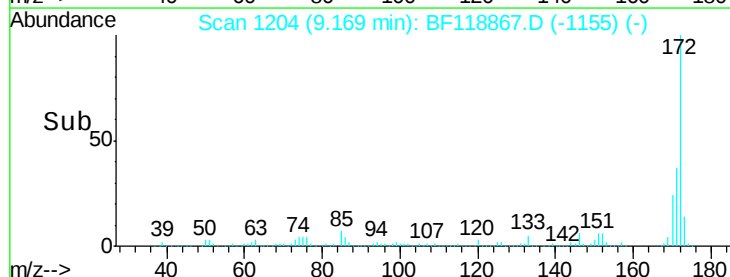
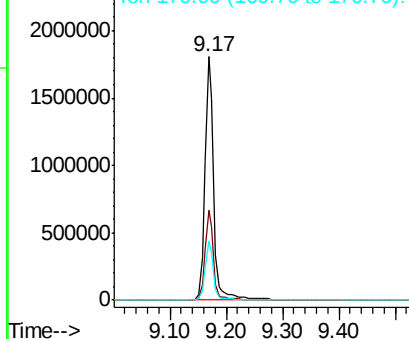


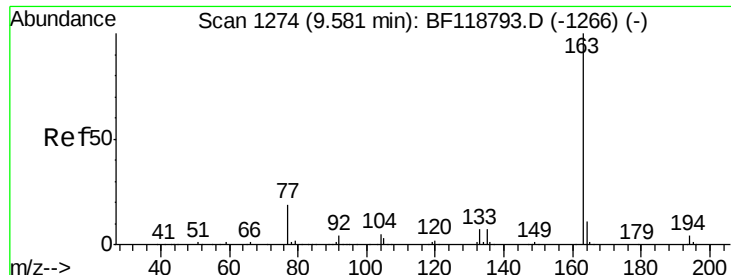
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

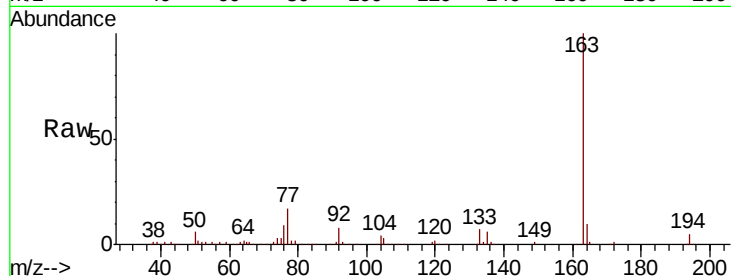




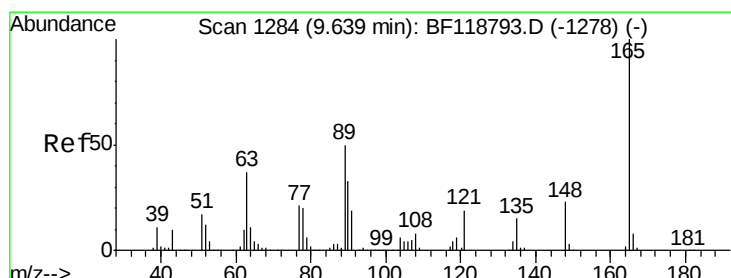
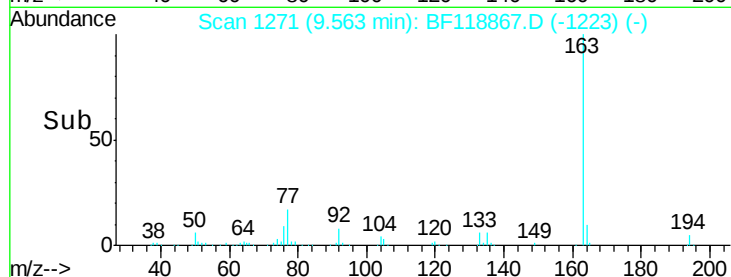
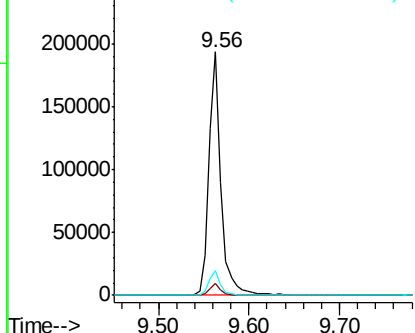
#50
Dimethylphthalate
Concen: 5.332 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118867.D
Acq: 10 Feb 2020 13:09

Instrument :
BNA_F
ClientSampleId :
ETGI-337-290

Tot Ion:163 Resp: 183274
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.3 8.7 13.1

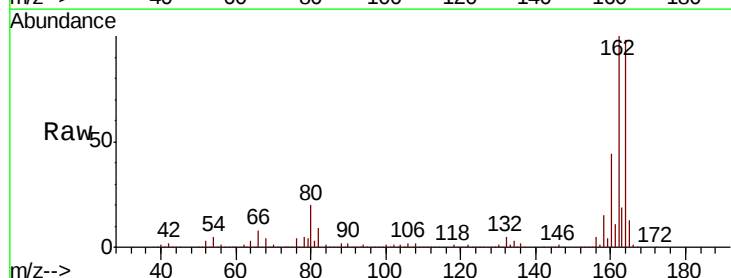


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

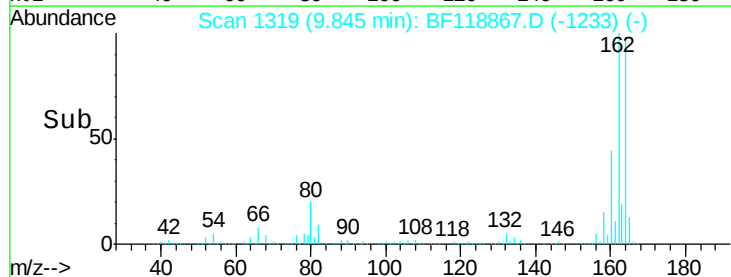
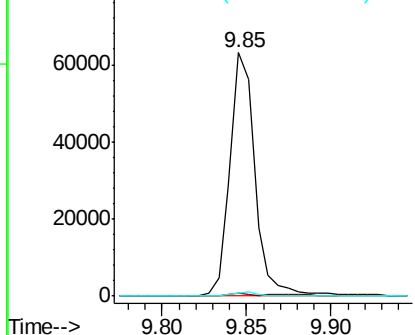


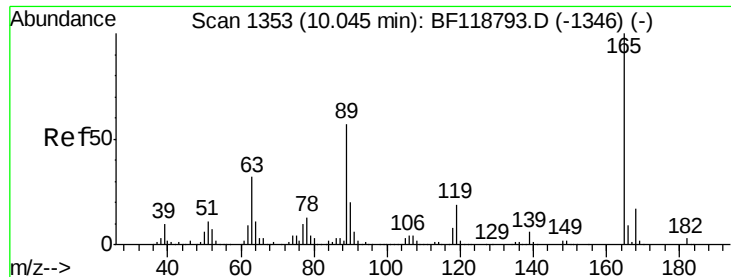
#51
2,6-Dinitrotoluene
Concen: 8.292 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118867.D
Acq: 10 Feb 2020 13:09

Tgt Ion:165 Resp: 65213
Ion Ratio Lower Upper
165 100
63 1.1 37.4 56.0#
89 1.3 39.7 59.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

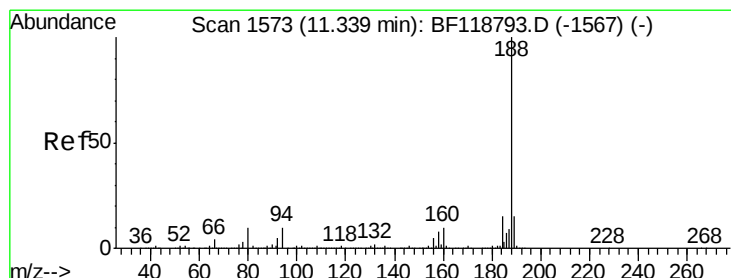
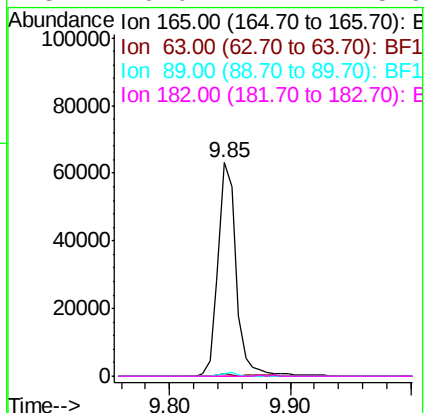
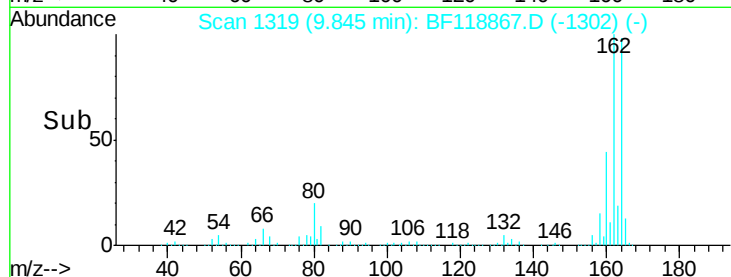
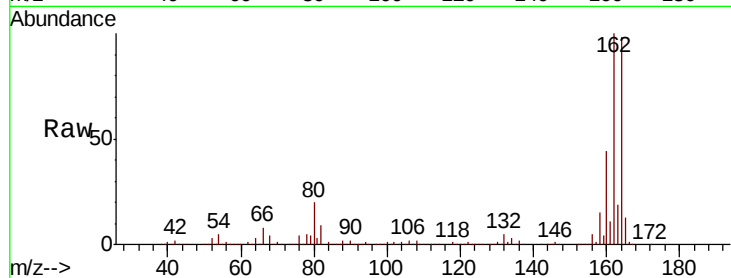




#57
 2,4-Dinitrotoluene
 Concen: 6.320 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118867.D
 Acq: 10 Feb 2020 13:09

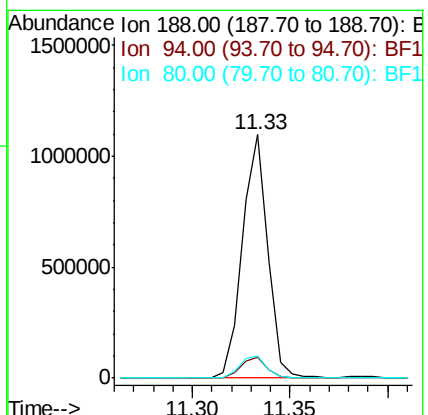
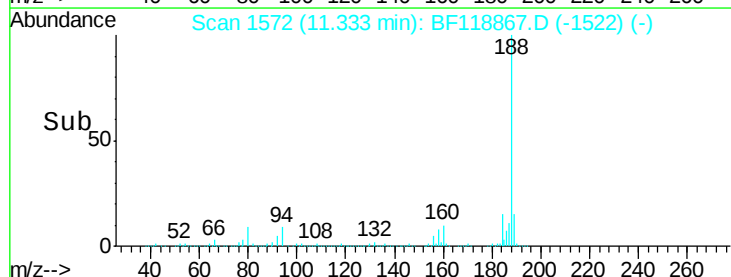
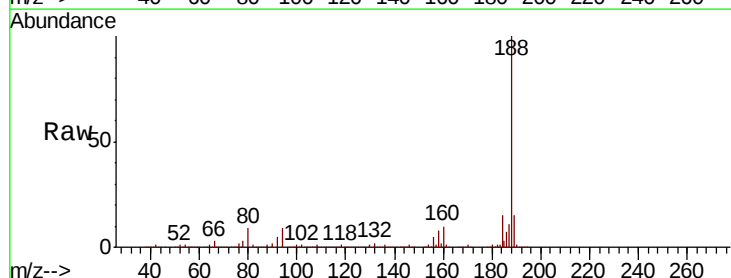
Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337-290

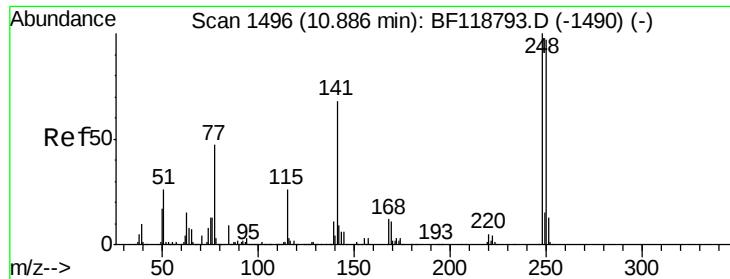
Tot Ion:165	Resp:	65776
Ion Ratio	Lower	Upper
165	100	
63	1.1	25.5 38.3#
89	1.3	45.4 68.0#
182	0.0	2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118867.D
 Acq: 10 Feb 2020 13:09

Tgt Ion:188	Resp:	987567
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.9 11.9
80	9.4	8.4 12.6

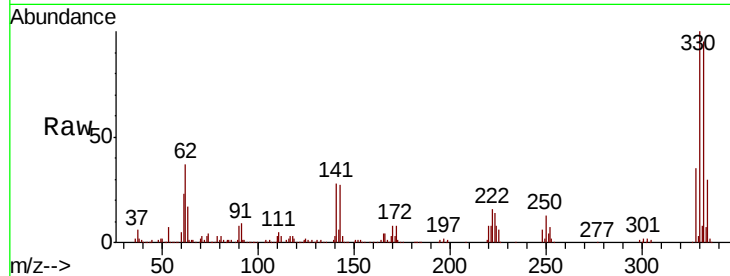




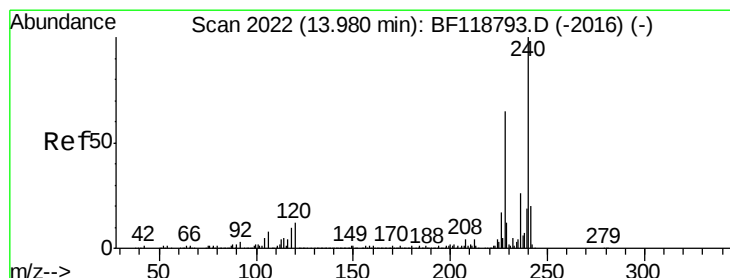
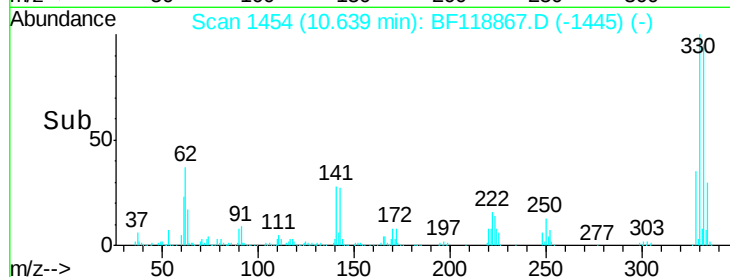
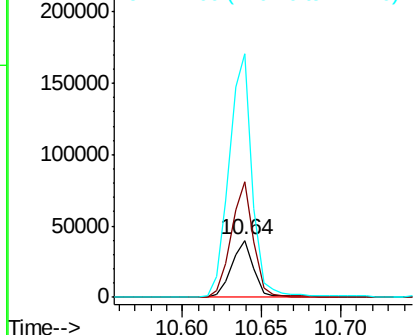
#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF118867.D
Acq: 10 Feb 2020 13:09

Instrument :
BNA_F
ClientSampleId :
ETGI-337-290

Tot Ion:248 Resp: 38792
Ion Ratio Lower Upper
248 100
250 204.6 77.6 116.4#
141 429.3 54.4 81.6#

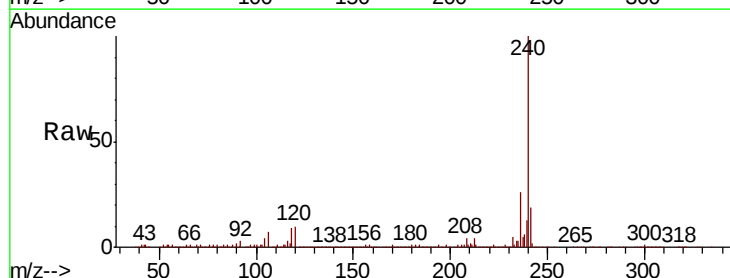


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

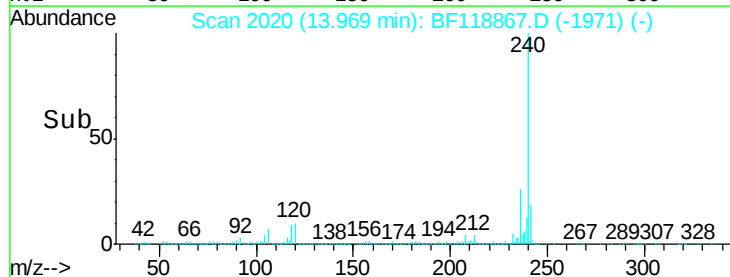
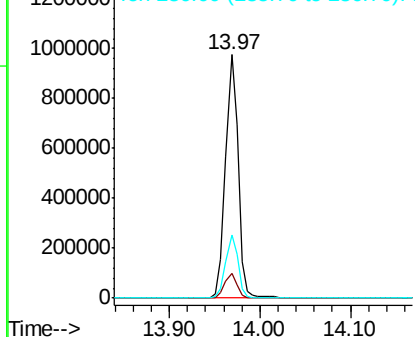


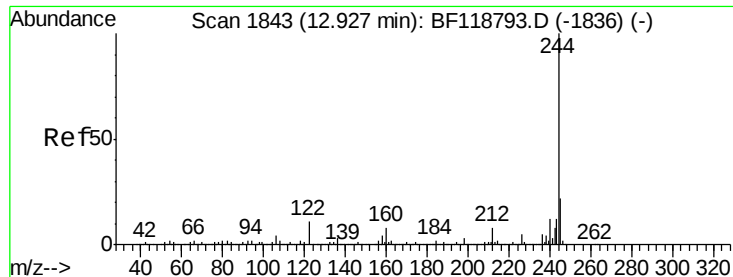
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118867.D
Acq: 10 Feb 2020 13:09

Tgt Ion:240 Resp: 934804
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.0
236 25.9 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.061 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

Instrument :

BNA_F

ClientSampleId :

ETGI-337-290

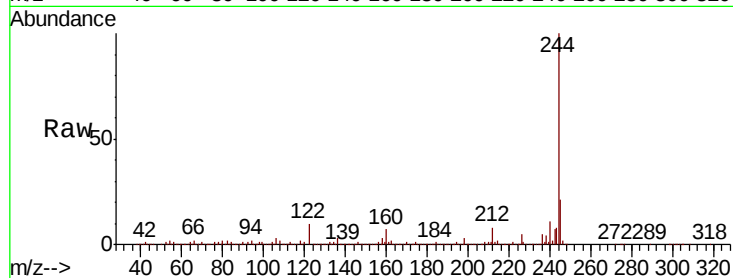
Tot Ion:244 Resp: 2687891

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

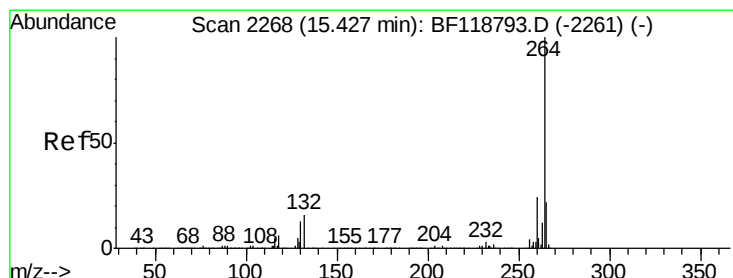
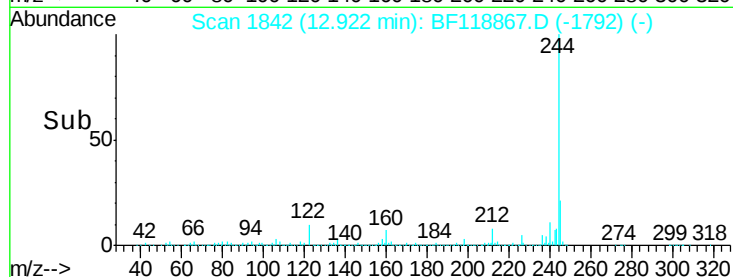
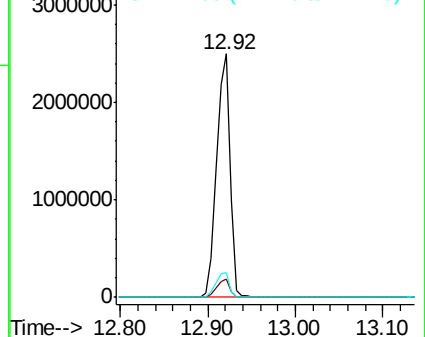
122 10.3 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118867.D

Acq: 10 Feb 2020 13:09

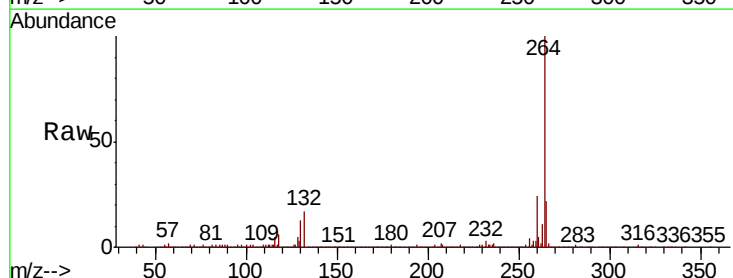
Tgt Ion:264 Resp: 849982

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

