

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117477.D
 Acq On : 22 Oct 2019 14:39
 Operator : JU
 Sample : PB124054BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 15:43:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

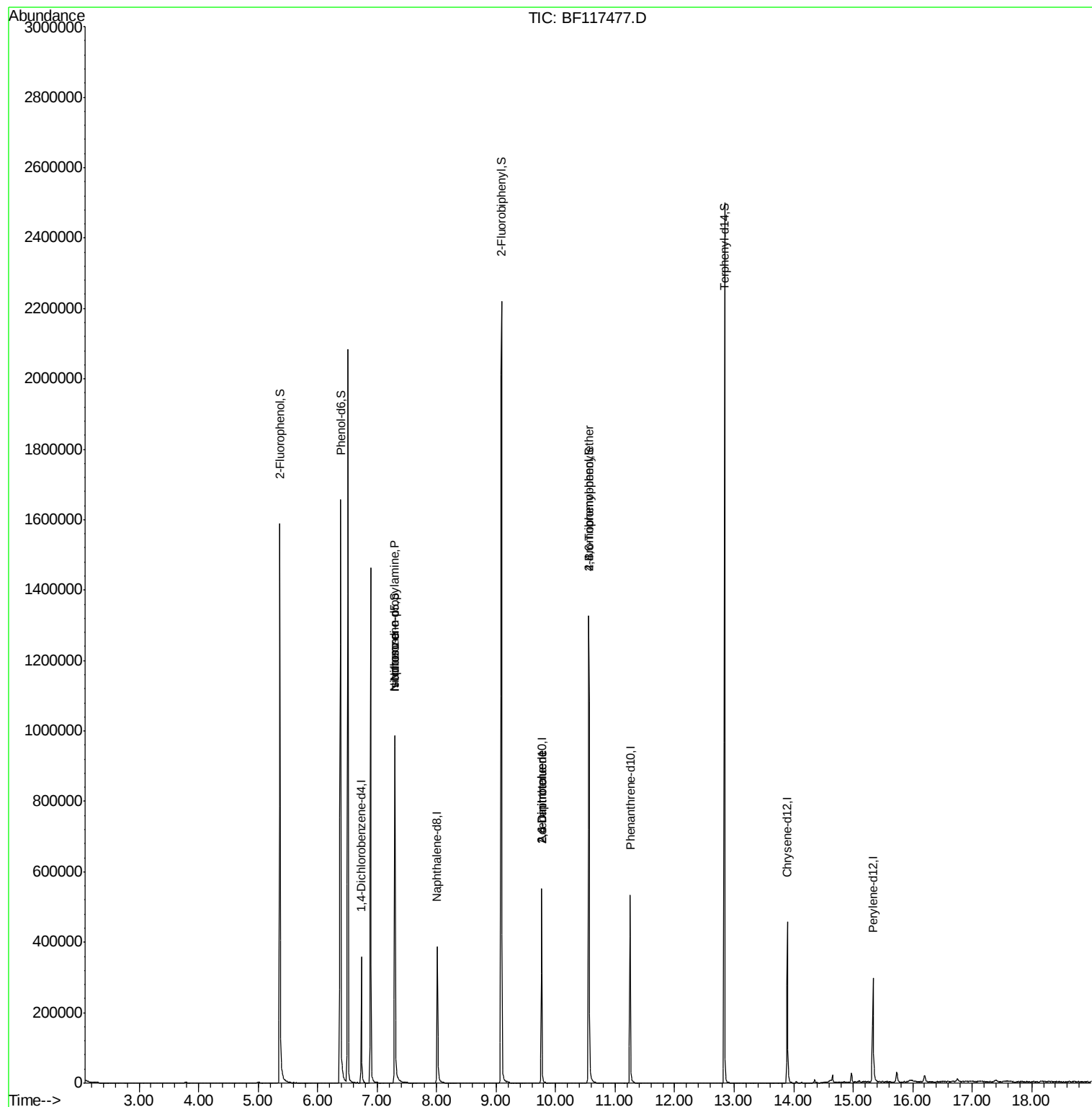
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	56509	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	221489	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	119898	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	209839	20.00	ng	0.00
76) Chrysene-d12	13.89	240	162944	20.00	ng	0.00
87) Perylene-d12	15.33	264	143868	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	509368	134.10	ng	0.02
7) Phenol-d6	6.39	99	683708	134.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	432491	96.40	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	153039	147.52	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	798420	93.83	ng	0.00
79) Terphenyl-d14	12.84	244	905107	90.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	886	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propylamine	7.30	70	58677	18.833 ng	#	77
25) Isophorone	7.30	82	432542	55.731 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	15548	8.717 ng	#	24
57) 2,4-Dinitrotoluene	9.76	165	15548	6.556 ng	#	13
67) 4-Bromophenyl-phenylether	10.56	248	9835	4.351 ng	#	1

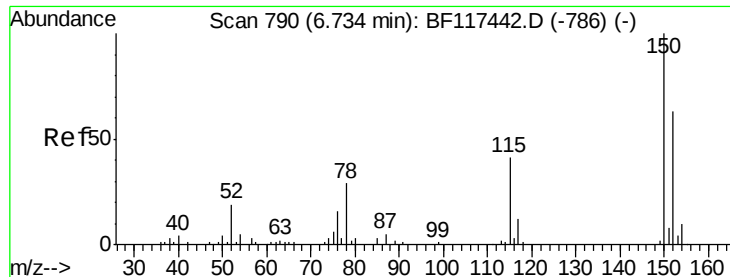
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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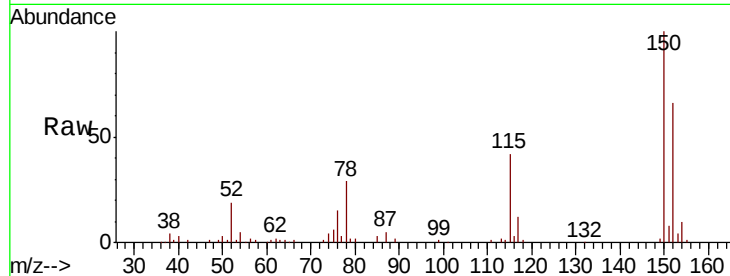


#1

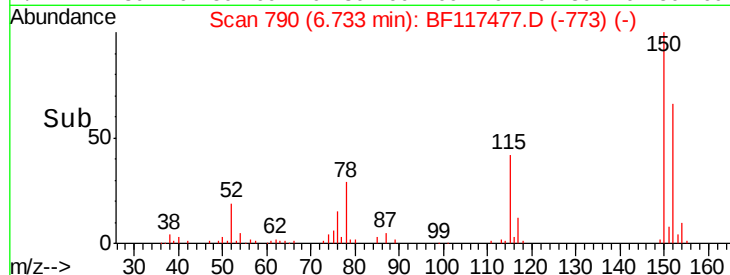
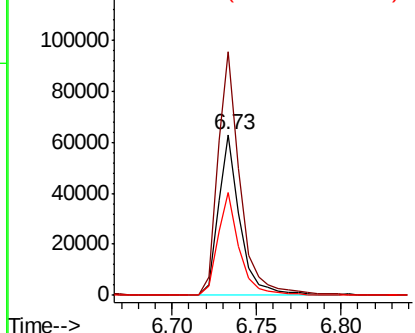
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56509
Ion Ratio Lower Upper
152 100
150 151.8 126.8 190.2
115 64.3 51.6 77.4



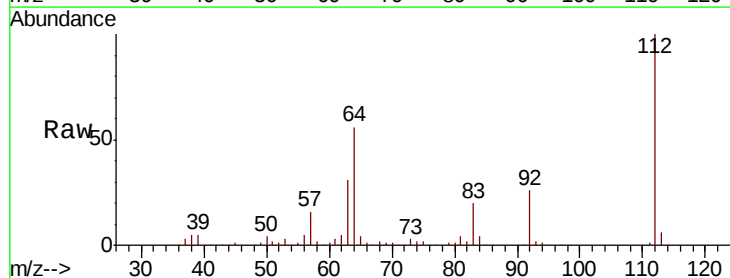
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



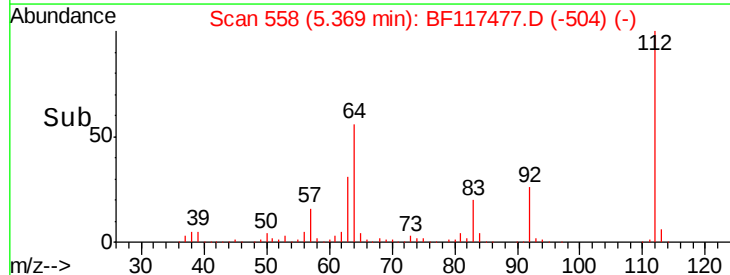
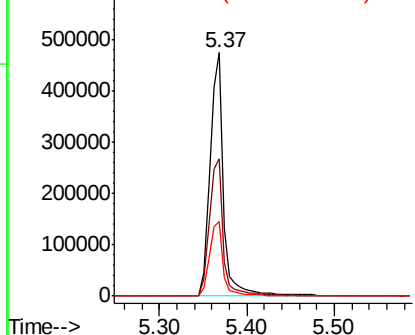
#5

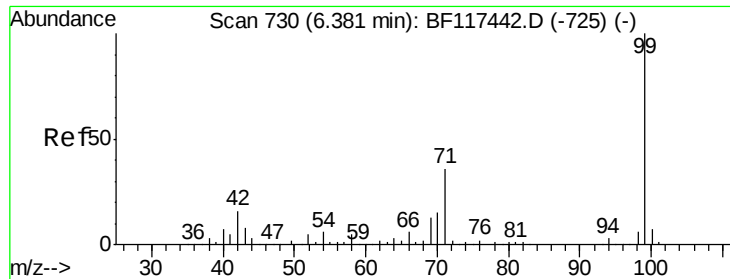
2-Fluorophenol
Concen: 134.101 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Tgt Ion:112 Resp: 509368
Ion Ratio Lower Upper
112 100
64 56.4 44.1 66.1
63 30.6 23.4 35.2



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: 134.016 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

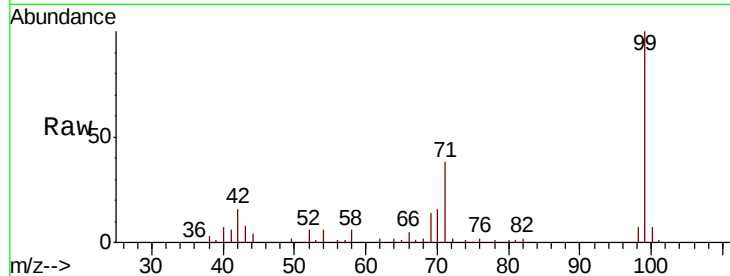
Tot Ion: 99 Resp: 683708

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

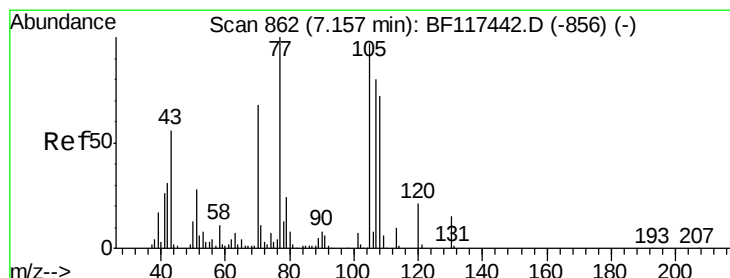
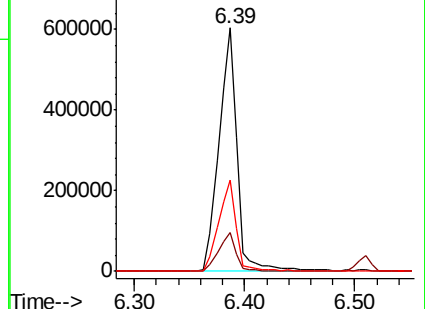
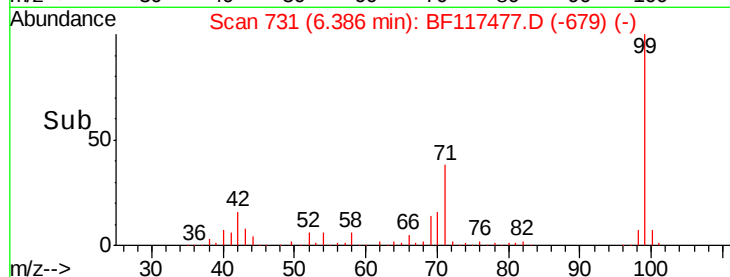
71 37.6 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 18.833 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Tgt Ion: 70 Resp: 58677

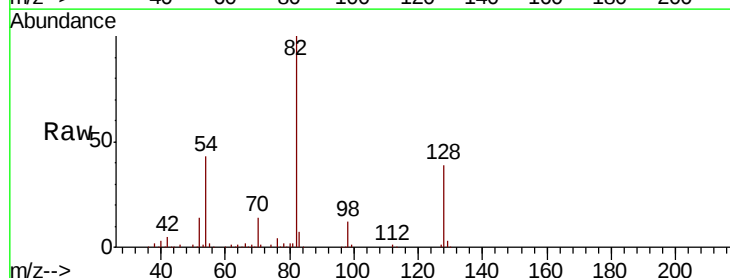
Ion Ratio Lower Upper

70 100

42 37.0 36.7 55.1

101 0.0 8.3 12.5#

130 2.5 18.1 27.1#

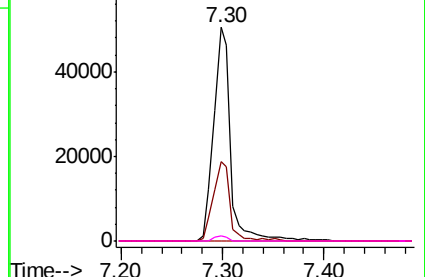
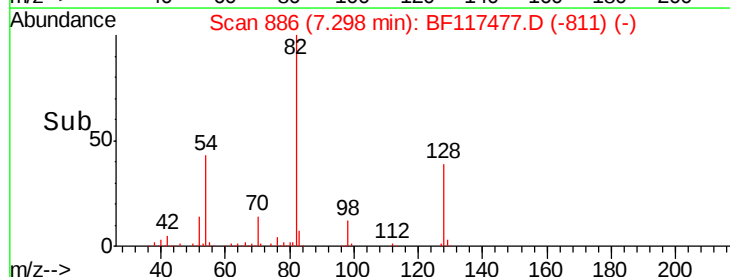


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

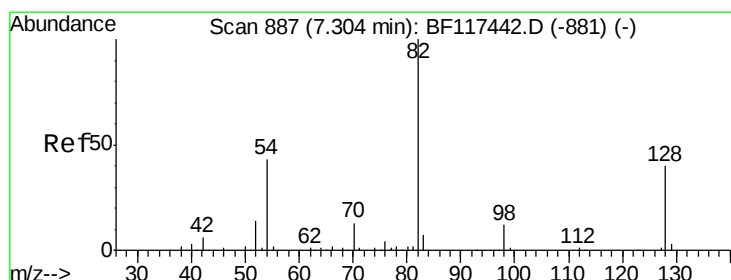
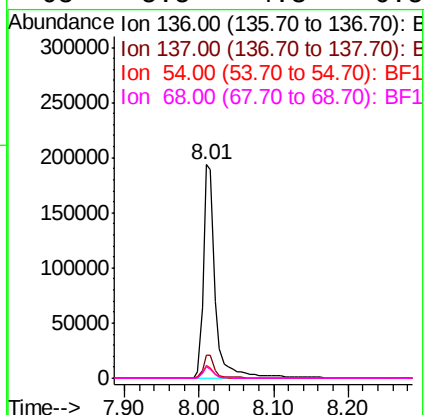
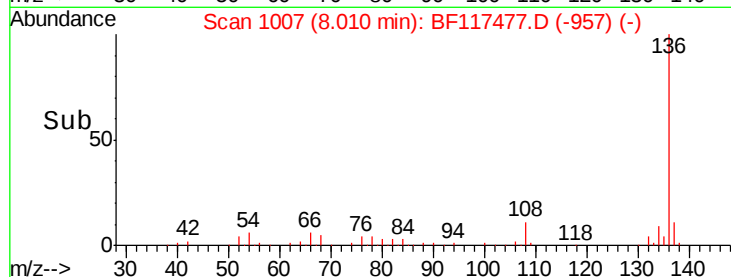
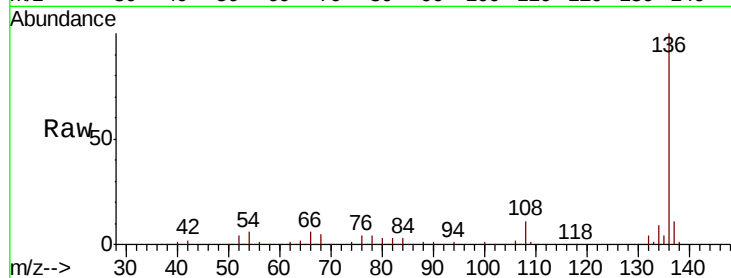




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

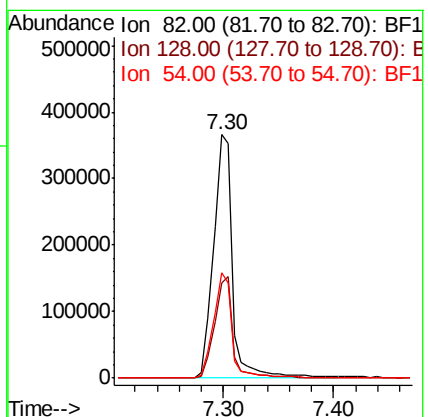
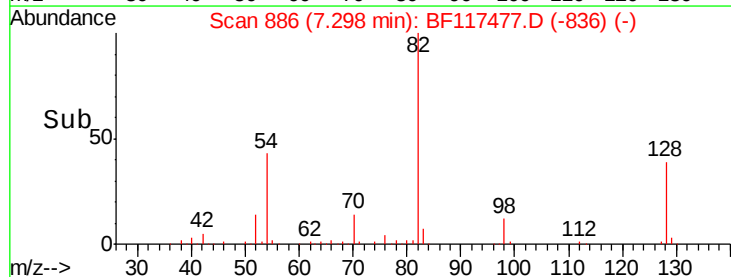
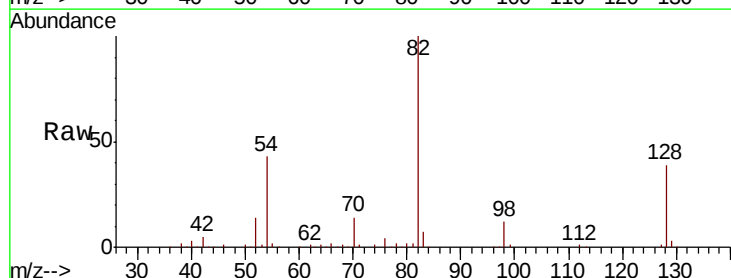
Instrument :
BNA_F
ClientSampleId :

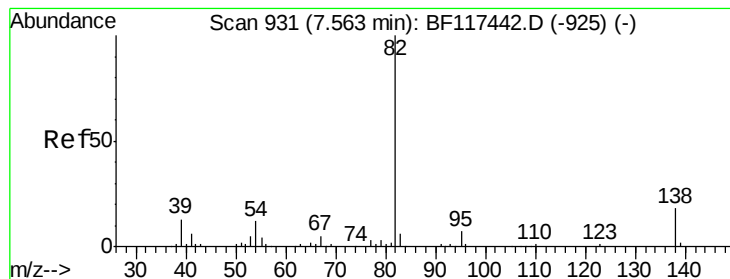
Tot Ion:136	Resp:	221489
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.2	12.4
54 6.1	4.5	6.7
68 5.5	4.3	6.5



#23
Nitrobenzene-d5
Concen: 96.398 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Tgt	Ion: 82	Resp:	432491
Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.2	48.2
54	43.1	34.2	51.2





#25

Isophorone

Concen: 55.731 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Instrument :

BNA_F

ClientSampled :

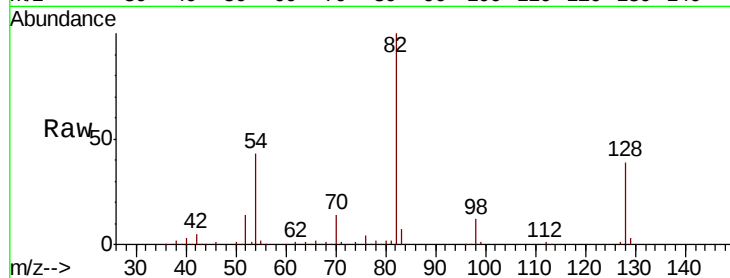
Tot Ion: 82 Resp: 432542

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

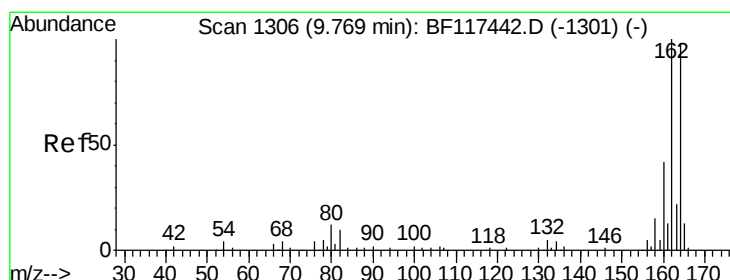
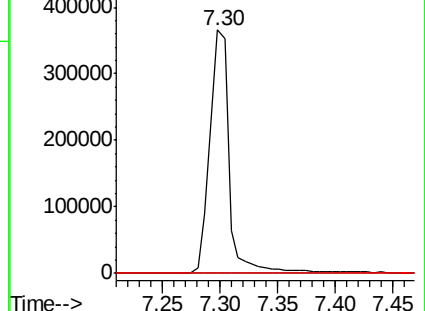
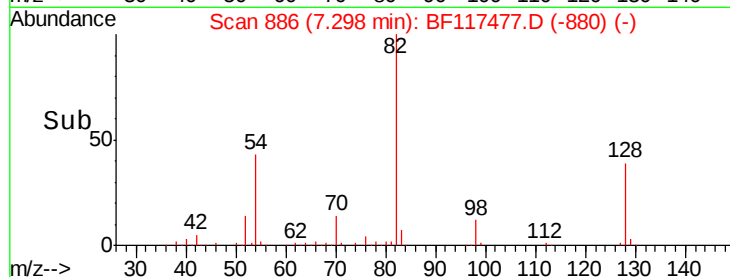
138 0.0 14.2 21.2#



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: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

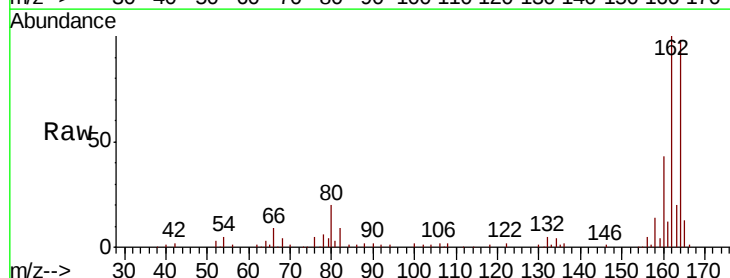
Tgt Ion: 164 Resp: 119898

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

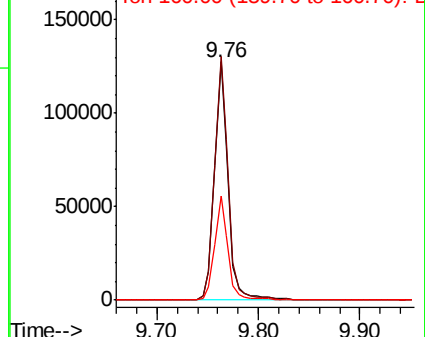
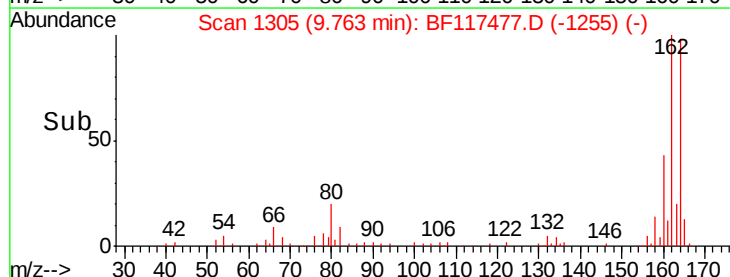
160 43.7 34.4 51.6

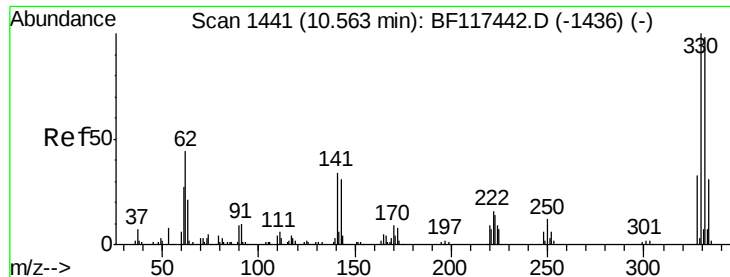


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 147.518 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

Instrument :

BNA_F

ClientSampleId :

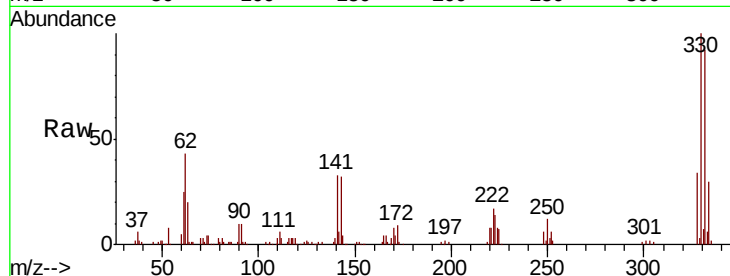
Tot Ion:330 Resp: 153039

Ion Ratio Lower Upper

330 100

332 94.3 78.5 117.7

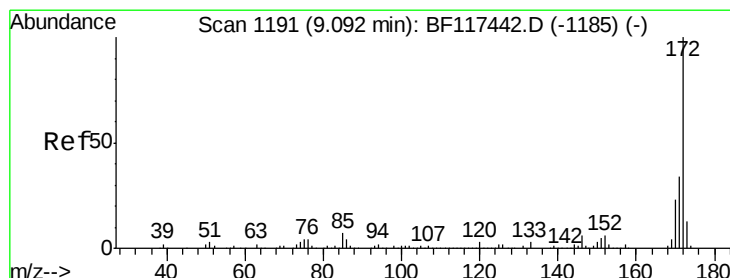
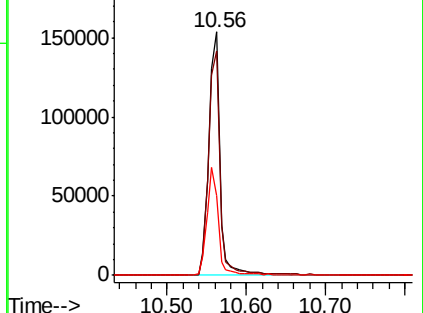
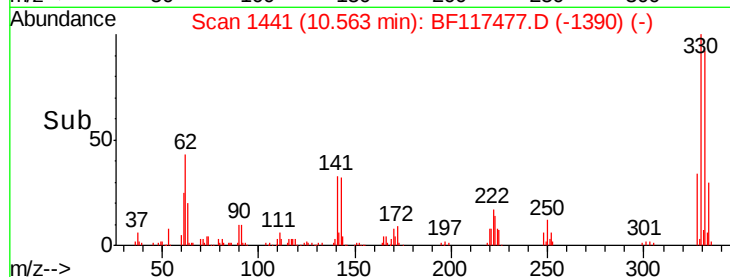
141 45.3 37.0 55.6



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: 93.827 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BF117477.D

Acq: 22 Oct 2019 14:39

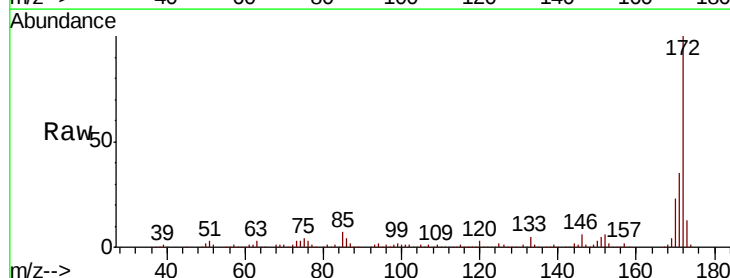
Tgt Ion:172 Resp: 798420

Ion Ratio Lower Upper

172 100

171 35.1 27.5 41.3

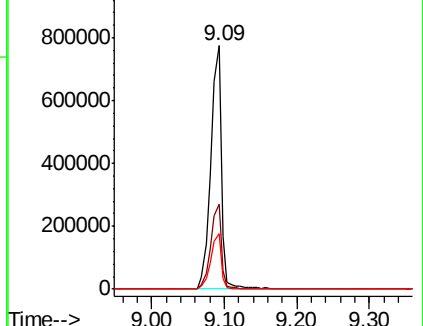
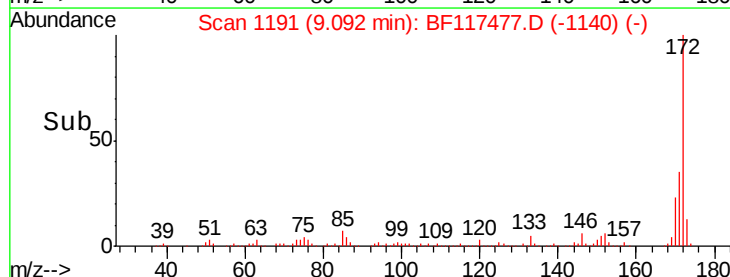
170 22.9 18.6 27.8

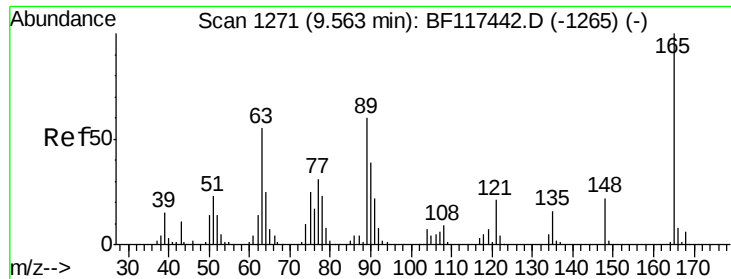


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

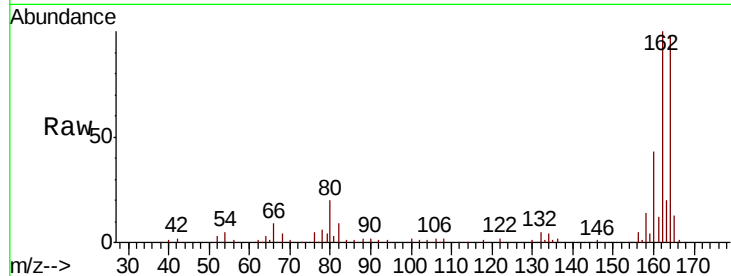




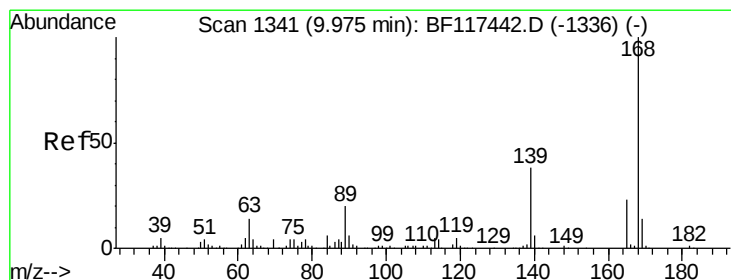
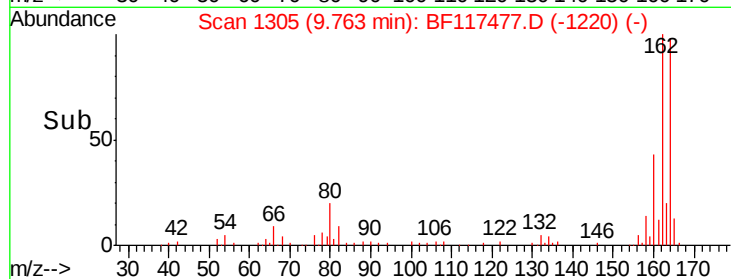
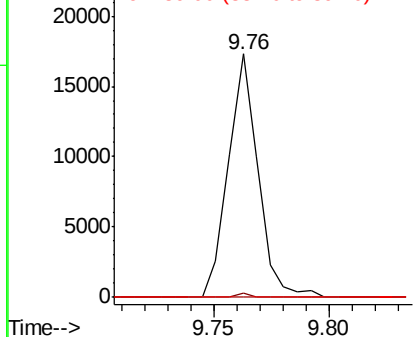
#51
 2,6-Dinitrotoluene
 Concen: 8.717 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.8	65.8#
89	0.0	47.6	71.4#

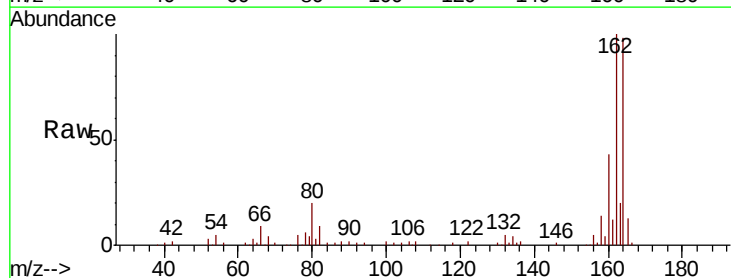


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

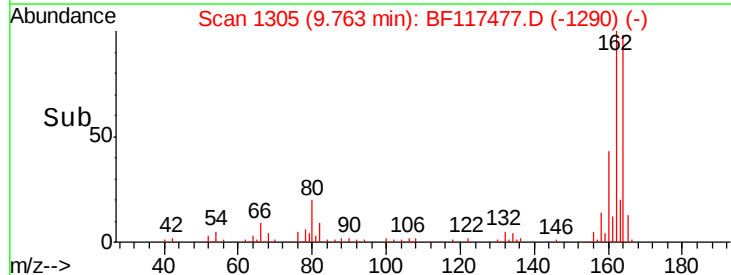
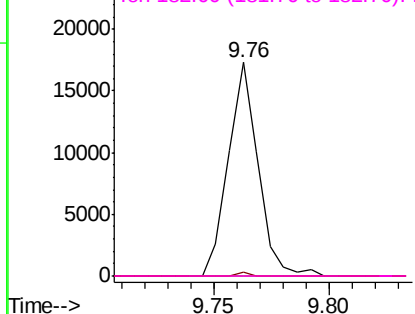


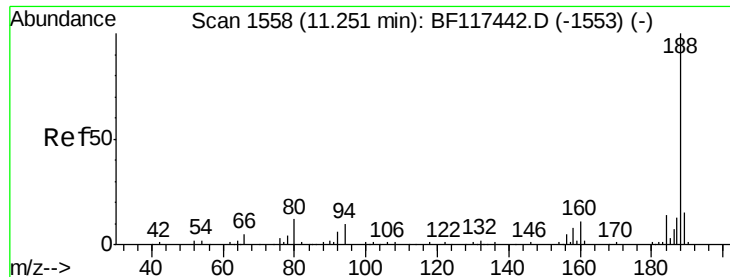
#57
 2,4-Dinitrotoluene
 Concen: 6.556 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#



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
 Ion 182.00 (181.70 to 182.70): E

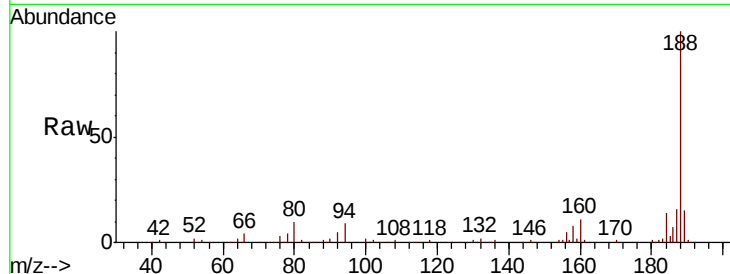




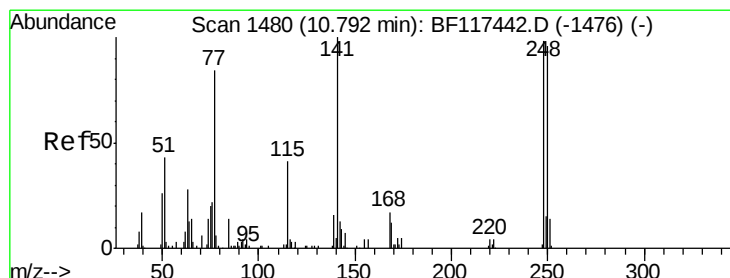
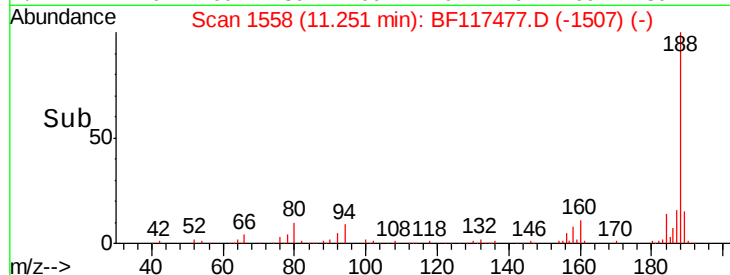
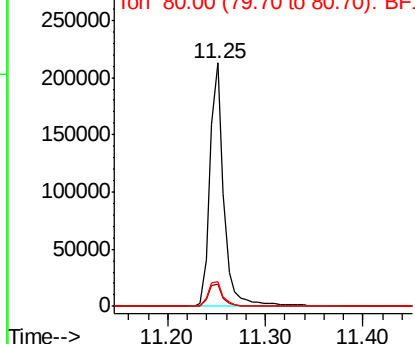
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 209839
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.0 12.0
 80 10.1 9.5 14.3

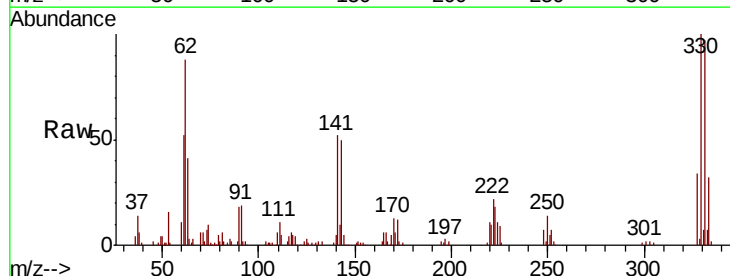


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

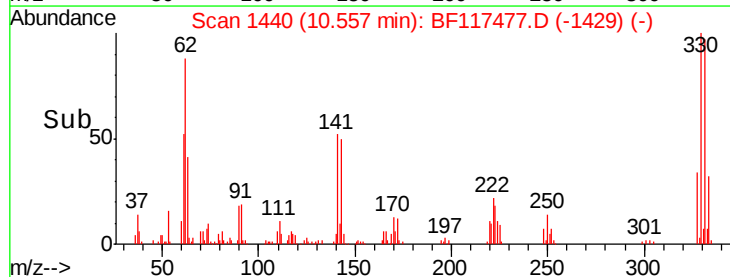
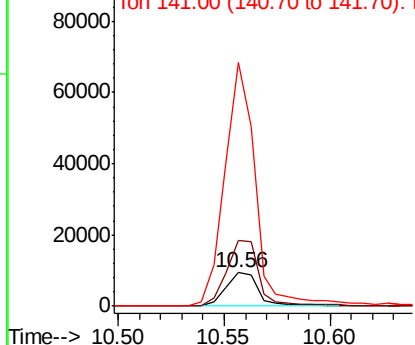


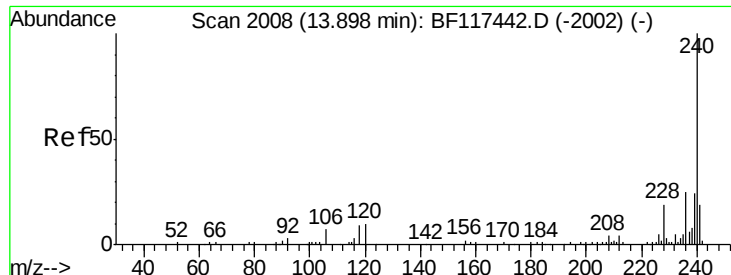
#67
 4-Bromophenyl-phenylether
 Concen: 4.351 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Tgt Ion:248 Resp: 9835
 Ion Ratio Lower Upper
 248 100
 250 196.0 78.0 117.0#
 141 724.4 81.7 122.5#



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

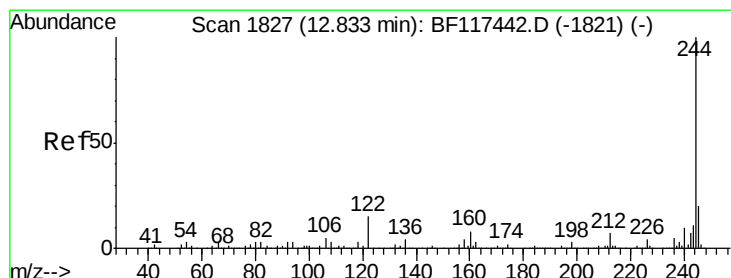
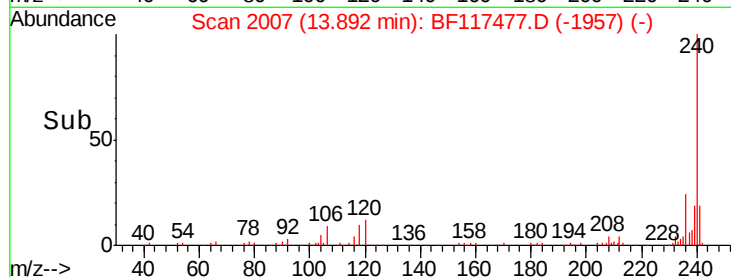
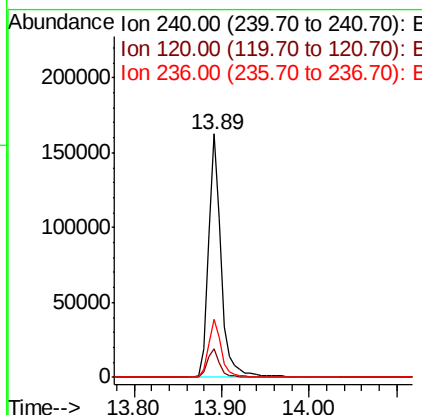
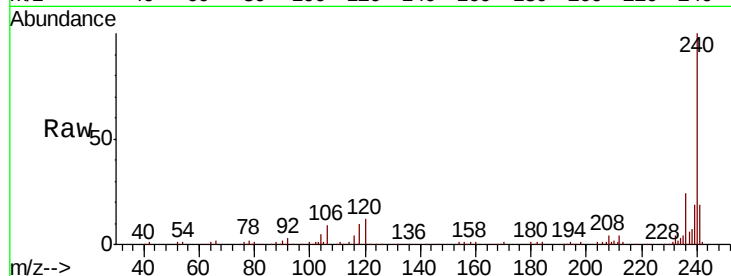




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

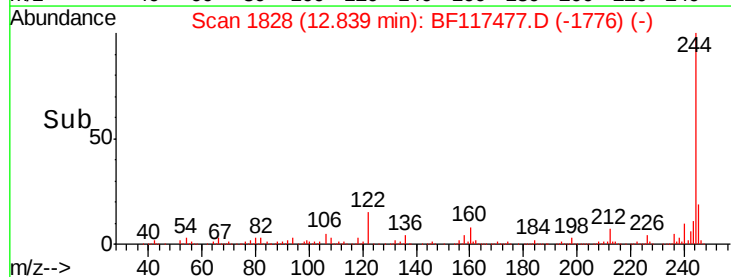
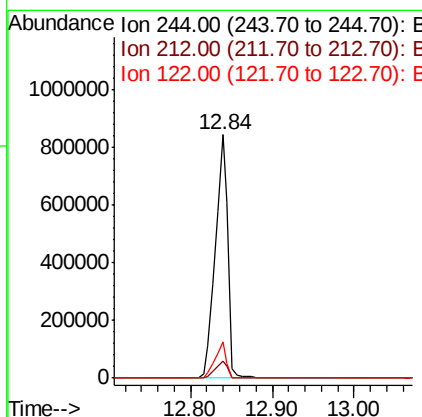
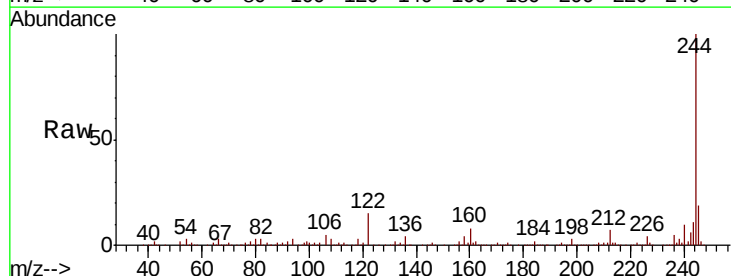
Instrument :
BNA_F
ClientSampleId :

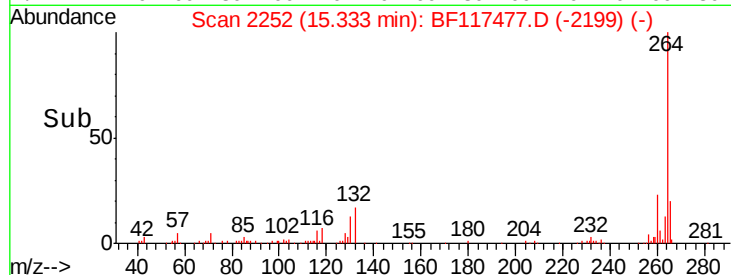
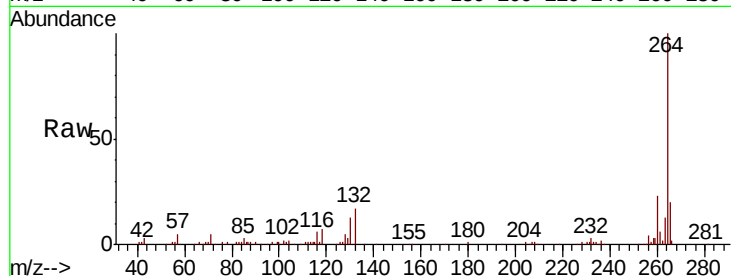
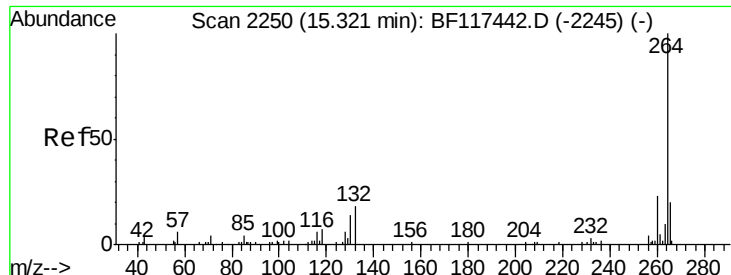
Tot Ion:240 Resp: 162944
Ion Ratio Lower Upper
240 100
120 11.5 8.4 12.6
236 23.6 20.0 30.0



#79
Terphenyl-d14
Concen: 90.604 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF117477.D
Acq: 22 Oct 2019 14:39

Tgt Ion:244 Resp: 905107
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 15.0 11.8 17.8





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117477.D
 Acq: 22 Oct 2019 14:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	143868
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.3	16.1	24.1

