

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117657.D
 Acq On : 31 Oct 2019 14:51
 Operator : JU
 Sample : PB124409BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 01:20:38 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

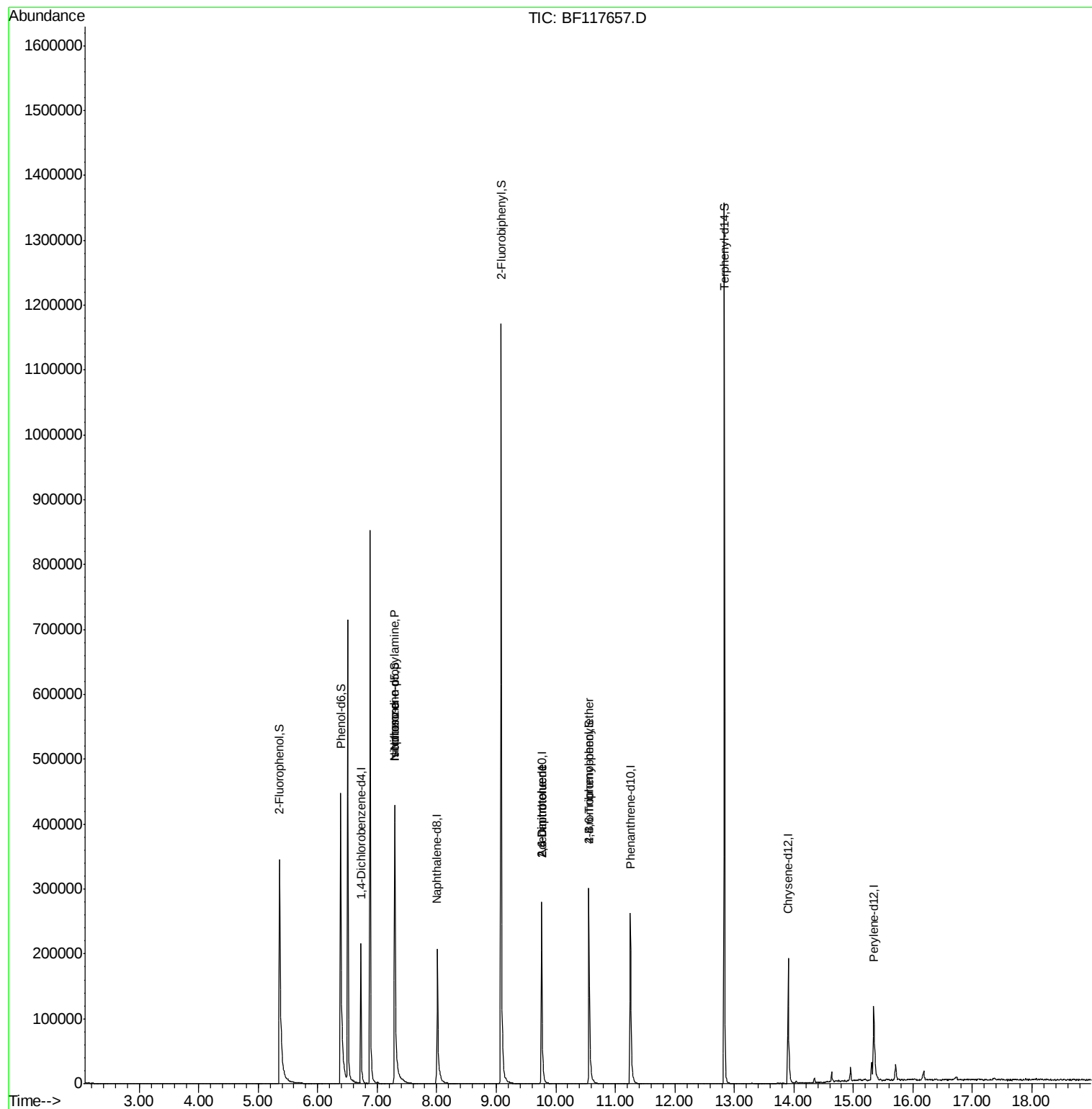
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	39032	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	159194	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	82815	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	139813	20.00	ng	0.00
76) Chrysene-d12	13.90	240	97170	20.00	ng	0.00
87) Perylene-d12	15.34	264	82661	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	186233	70.98	ng	0.00
7) Phenol-d6	6.39	99	268916	76.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	244035	75.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	49391	68.93	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	422328	71.85	ng	-0.01
79) Terphenyl-d14	12.83	244	432612	72.62	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	4812	Below Cal	#	81
19) n-Nitroso-di-n-propylamine	7.29	70	29489	13.703 ng	#	80
25) Isophorone	7.29	82	244034	43.746 ng	#	65
51) 2,6-Dinitrotoluene	9.76	165	9638	7.823 ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	9638	5.884 ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	3196	2.122 ng	#	1
77) Benizidine	12.83	184	5666	Below Cal	#	93

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

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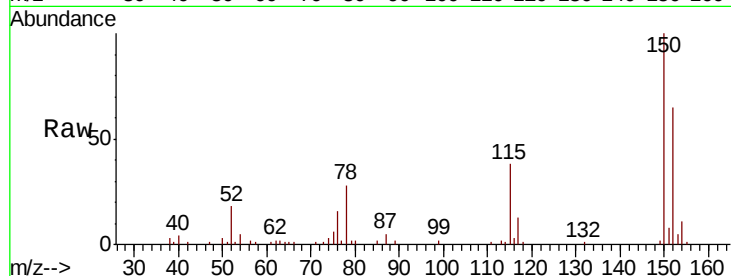


#1

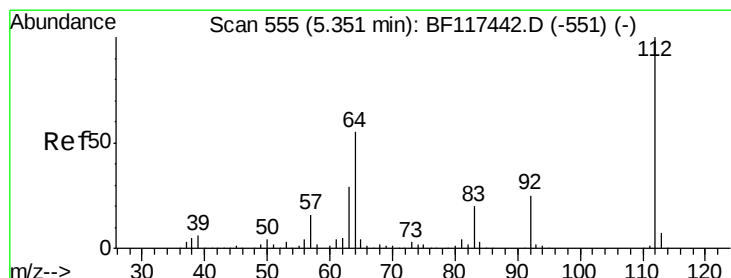
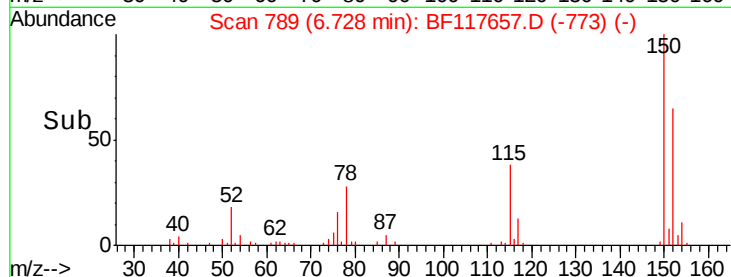
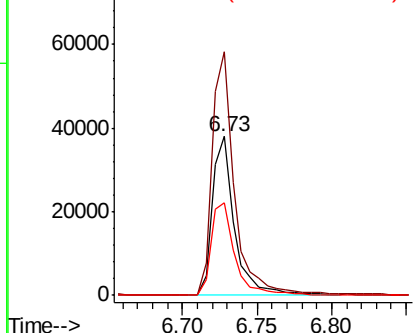
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117657.D
Acq: 31 Oct 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 39032
Ion Ratio Lower Upper
152 100
150 153.2 126.8 190.2
115 58.6 51.6 77.4



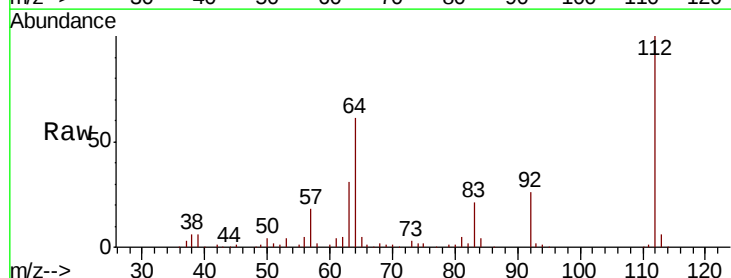
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



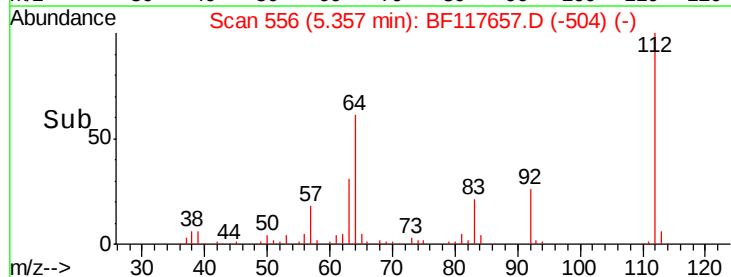
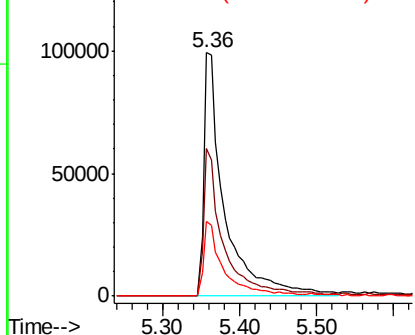
#5

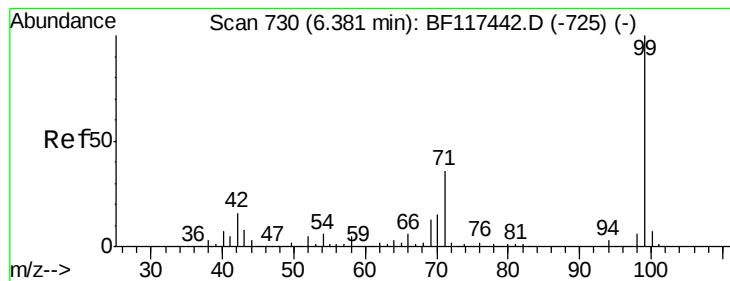
2-Fluorophenol
Concen: 70.983 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117657.D
Acq: 31 Oct 2019 14:51

Tgt Ion:112 Resp: 186233
Ion Ratio Lower Upper
112 100
64 60.9 44.1 66.1
63 30.9 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: 76.313 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117657.D

Acq: 31 Oct 2019 14:51

Instrument :

BNA_F

ClientSampled :

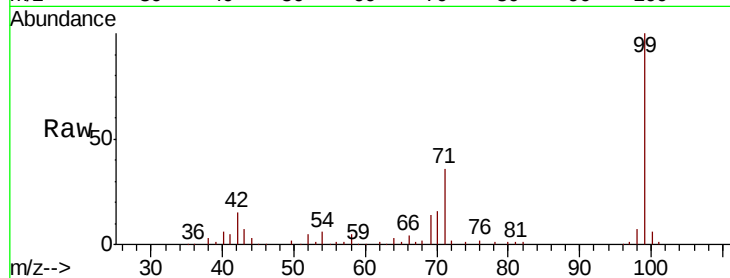
Tot Ion: 99 Resp: 268916

Ion Ratio Lower Upper

99 100

42 14.8 12.8 19.2

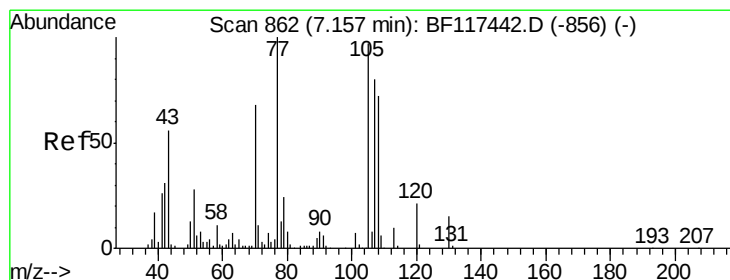
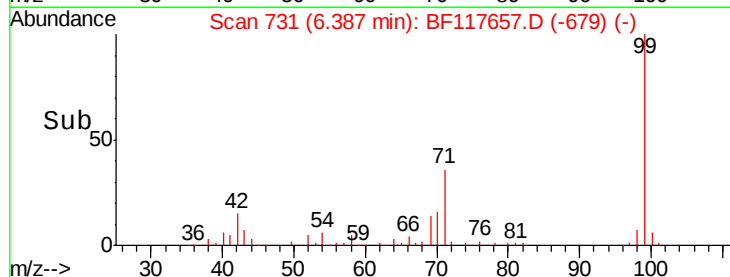
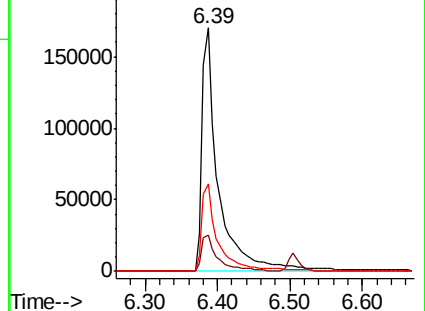
71 35.7 28.6 43.0



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: 13.703 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF117657.D

Acq: 31 Oct 2019 14:51

Tgt Ion: 70 Resp: 29489

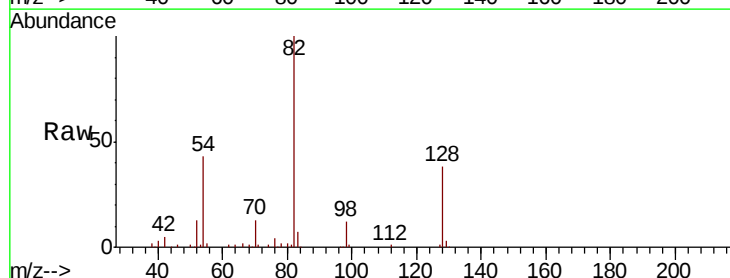
Ion Ratio Lower Upper

70 100

42 41.1 36.7 55.1

101 0.0 8.3 12.5#

130 2.2 18.1 27.1#

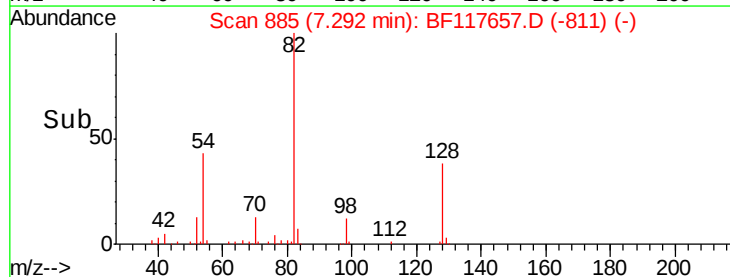
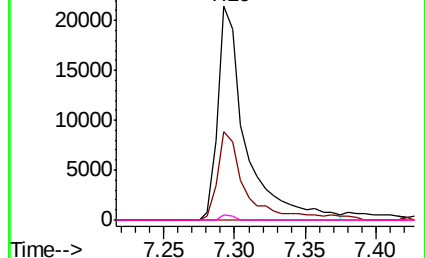


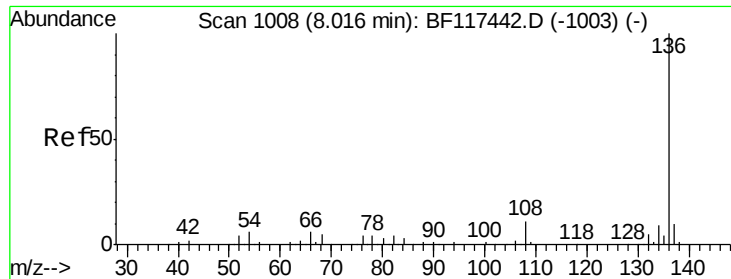
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

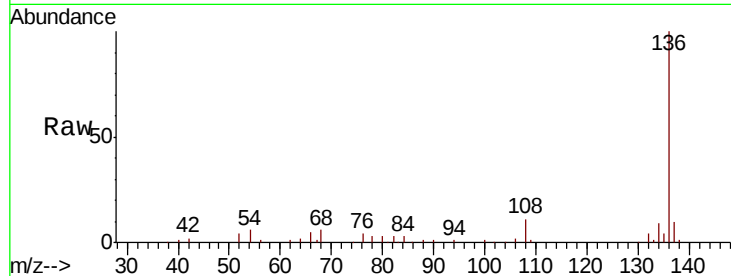




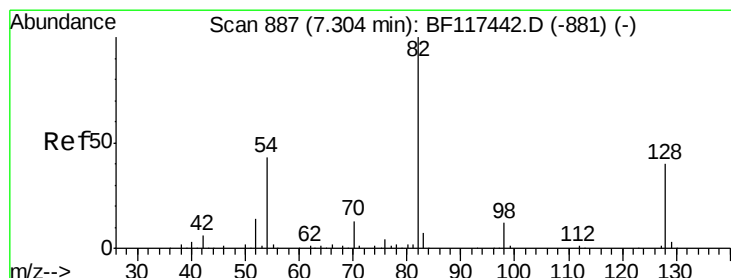
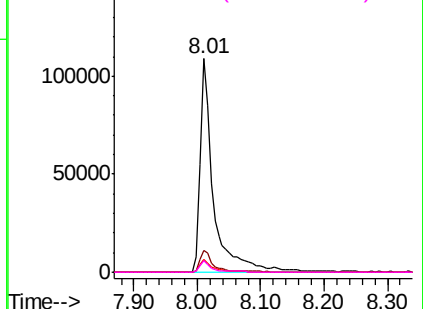
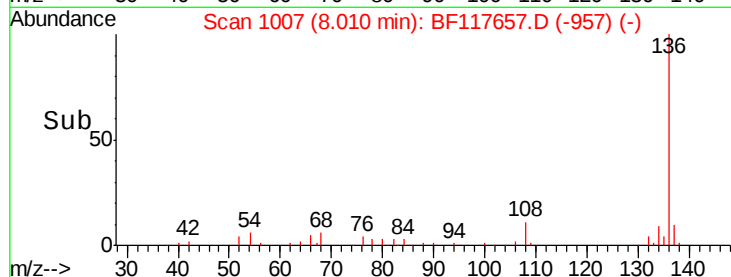
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117657.D
Acq: 31 Oct 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	159194
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.4
54	6.0	4.5	6.7
68	5.6	4.3	6.5

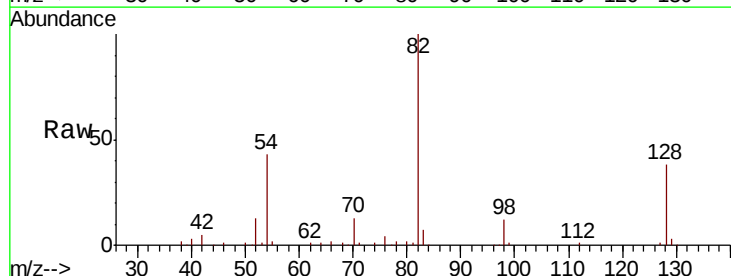


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

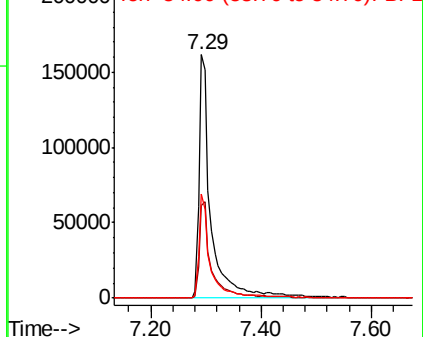
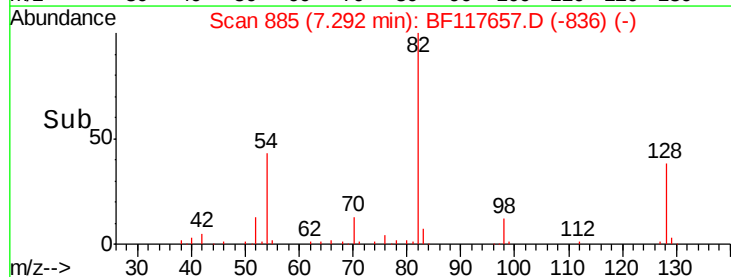


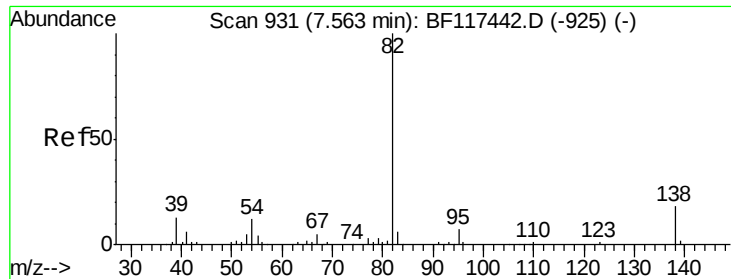
#23
Nitrobenzene-d5
Concen: 75.678 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117657.D
Acq: 31 Oct 2019 14:51

Tgt Ion:	82	Resp:	244035
Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.2	48.2
54	42.8	34.2	51.2



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: 43.746 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF117657.D

Acq: 31 Oct 2019 14:51

Instrument :

BNA_F

ClientSampleId :

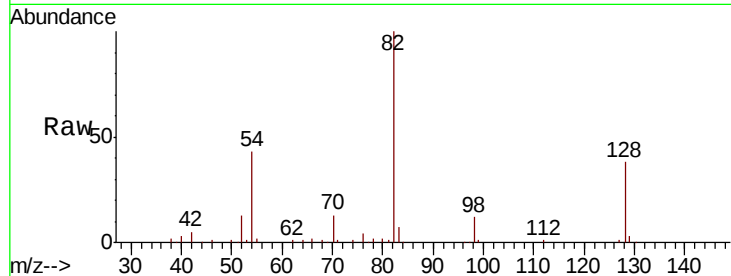
Tot Ion: 82 Resp: 244034

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

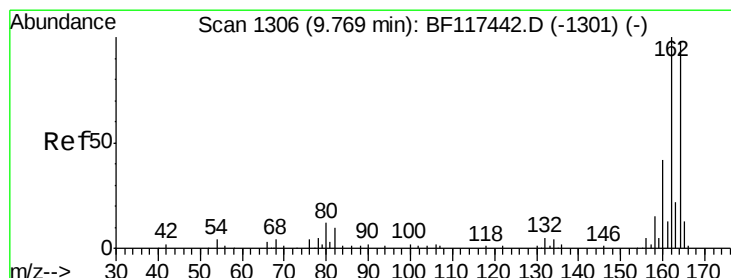
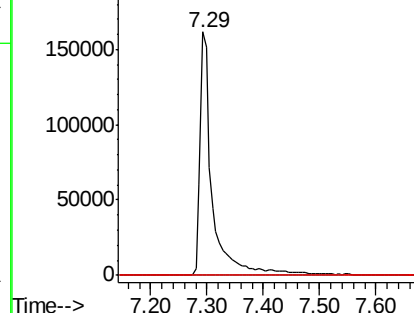
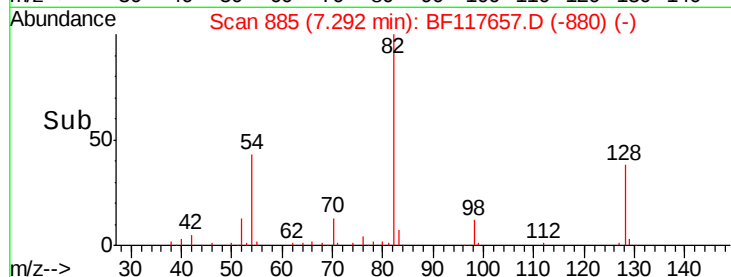
138 0.0 14.2 21.2#



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: BF117657.D

Acq: 31 Oct 2019 14:51

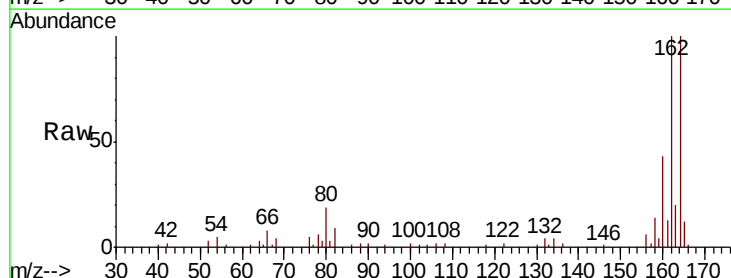
Tgt Ion: 164 Resp: 82815

Ion Ratio Lower Upper

164 100

162 99.5 81.8 122.6

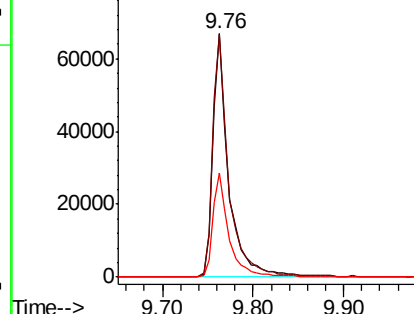
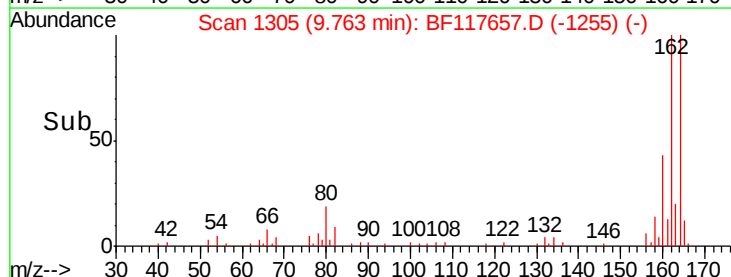
160 42.5 34.4 51.6

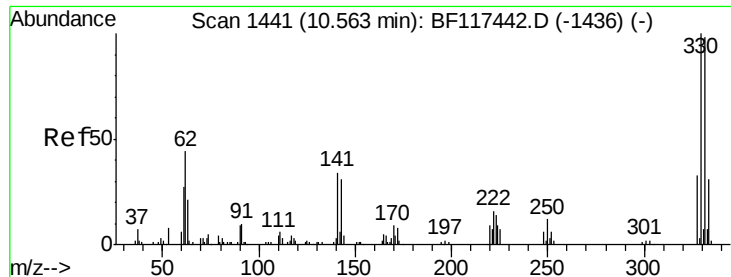


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 68.928 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117657.D

Acq: 31 Oct 2019 14:51

Instrument :

BNA_F

ClientSampleId :

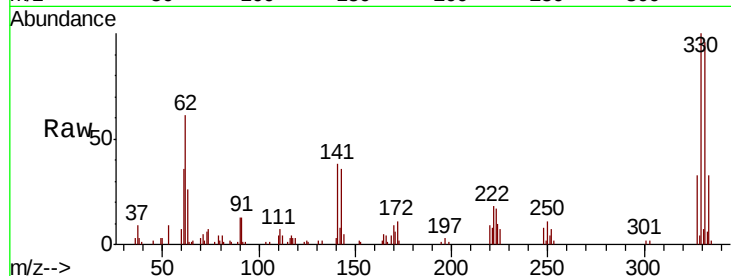
Tot Ion:330 Resp: 49391

Ion Ratio Lower Upper

330 100

332 96.4 78.5 117.7

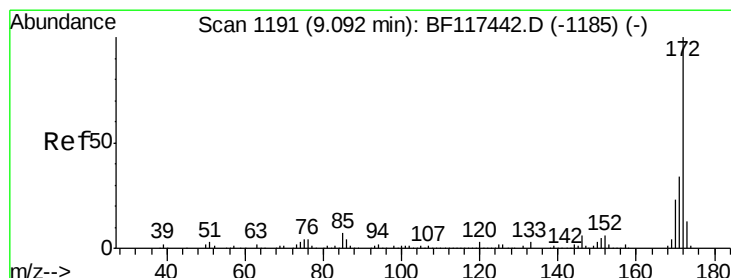
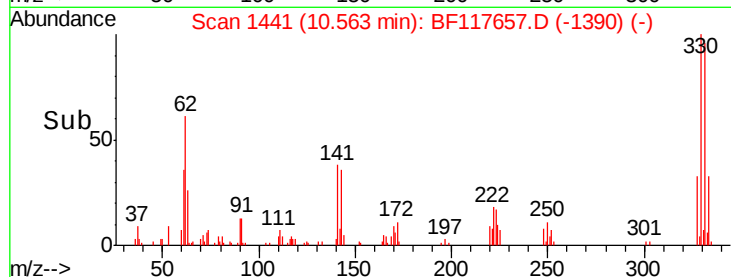
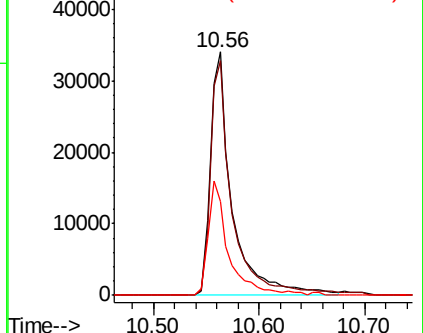
141 42.6 37.0 55.6



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: 71.854 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117657.D

Acq: 31 Oct 2019 14:51

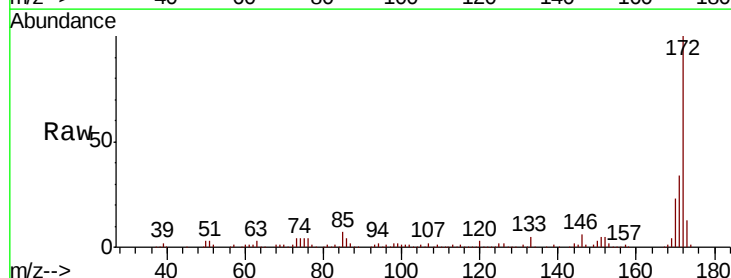
Tgt Ion:172 Resp: 422328

Ion Ratio Lower Upper

172 100

171 33.7 27.5 41.3

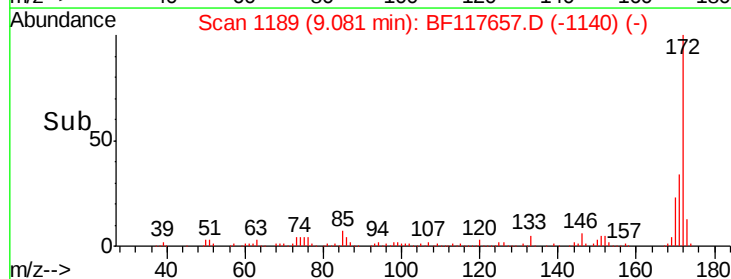
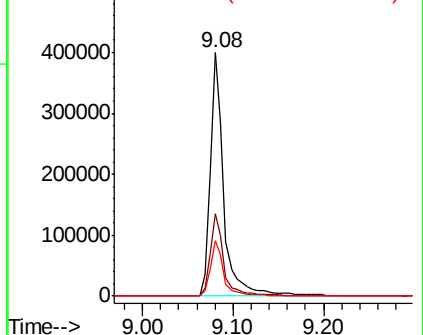
170 22.8 18.6 27.8

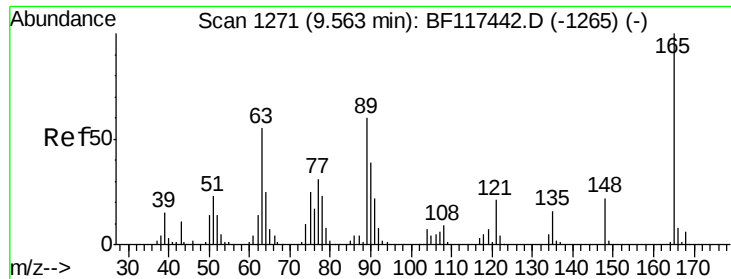


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

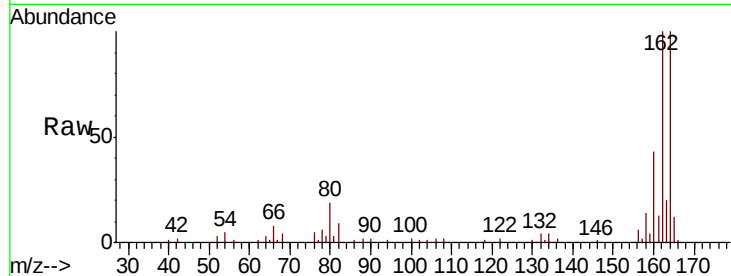




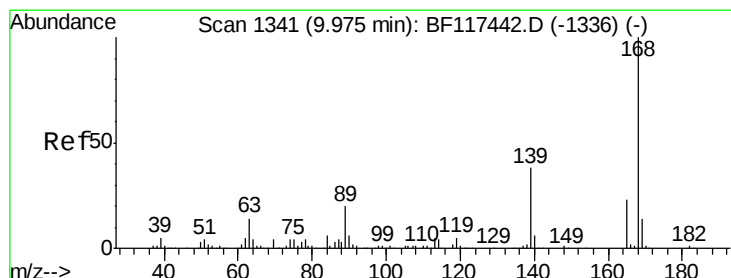
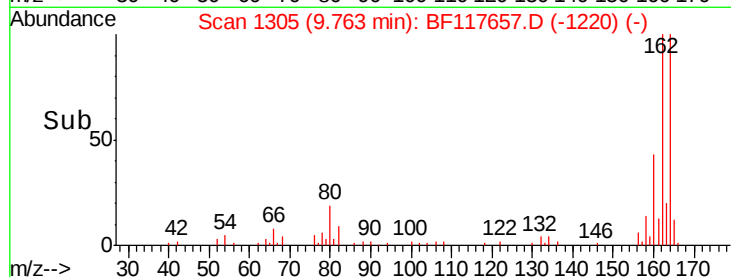
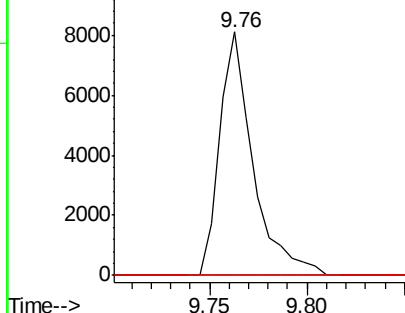
#51
 2,6-Dinitrotoluene
 Concen: 7.823 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.20 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

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

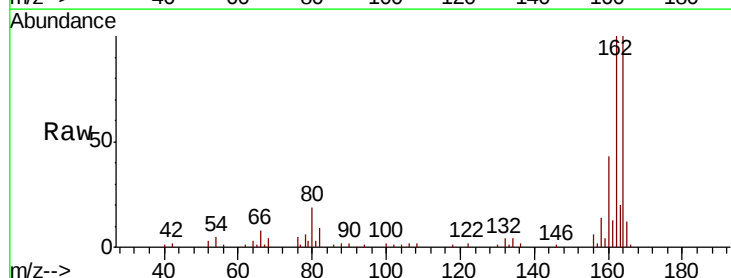


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

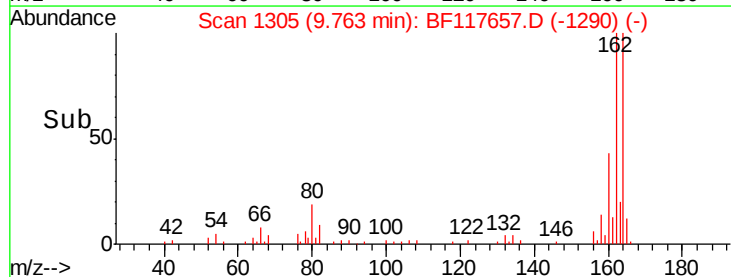
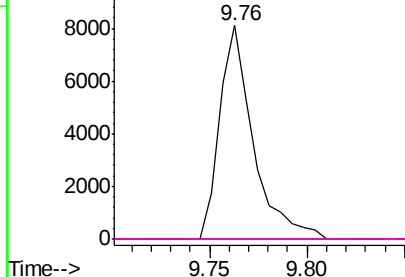


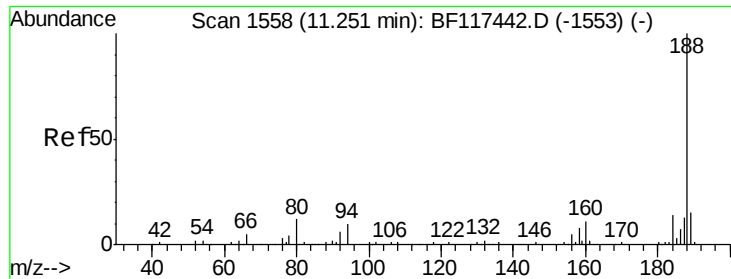
#57
 2,4-Dinitrotoluene
 Concen: 5.884 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.21 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

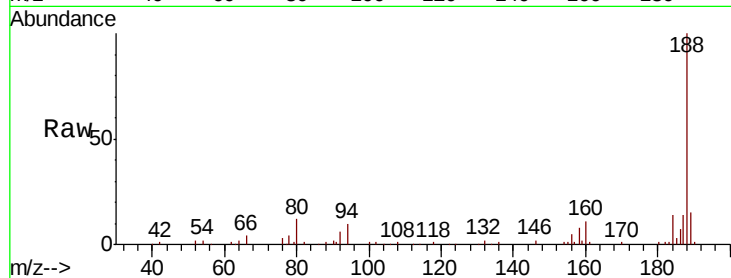




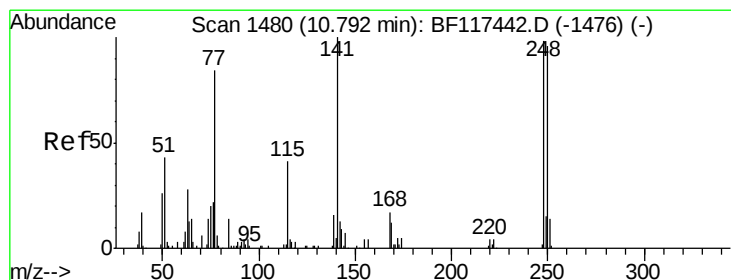
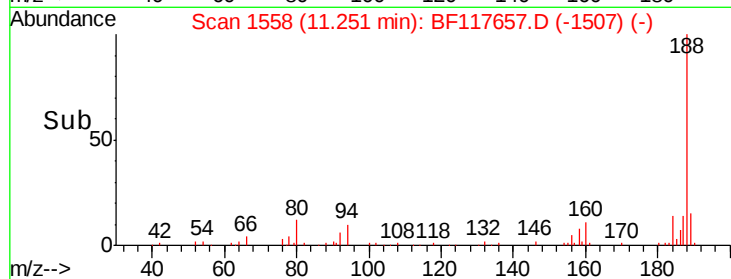
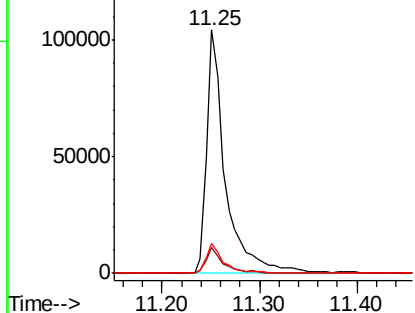
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 139813
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.0 12.0
 80 12.2 9.5 14.3

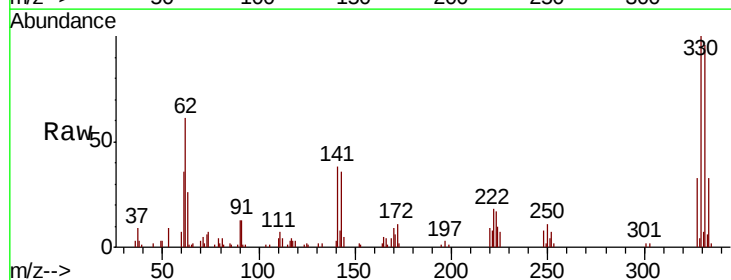


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

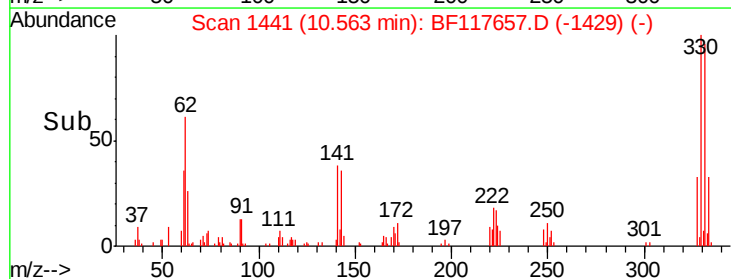
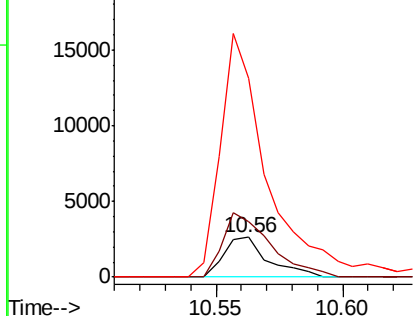


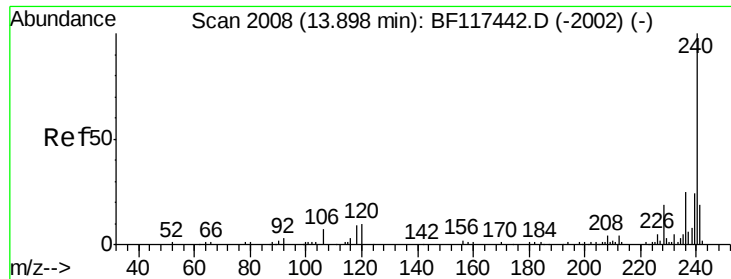
#67
 4-Bromophenyl-phenylether
 Concen: 2.122 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.23 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

Tgt Ion:248 Resp: 3196
 Ion Ratio Lower Upper
 248 100
 250 140.1 78.0 117.0#
 141 495.8 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

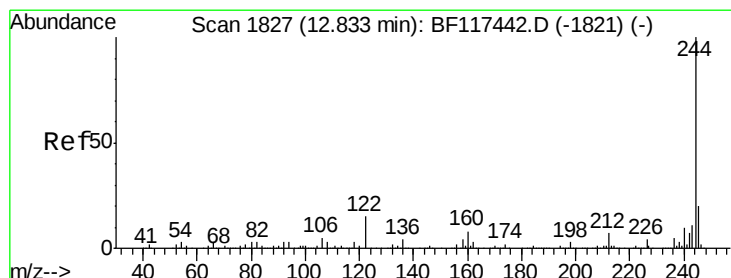
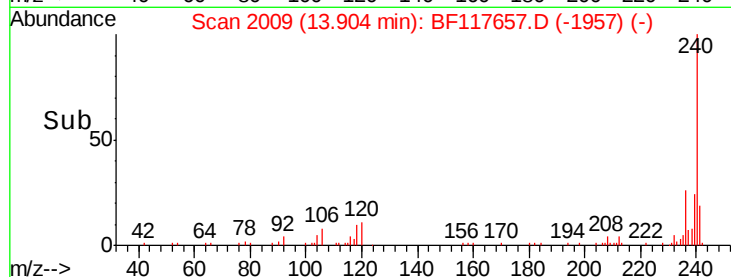
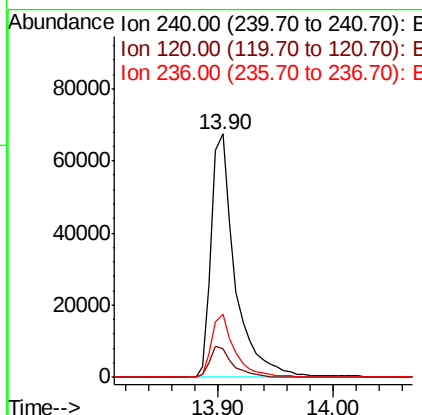
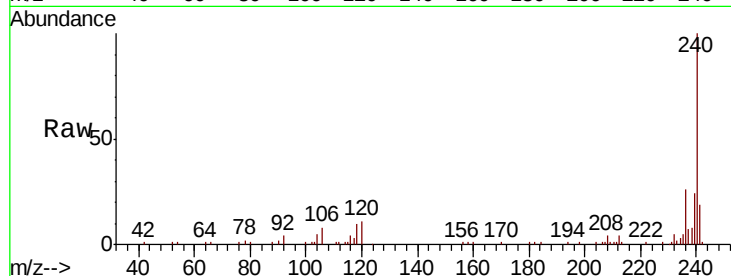




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

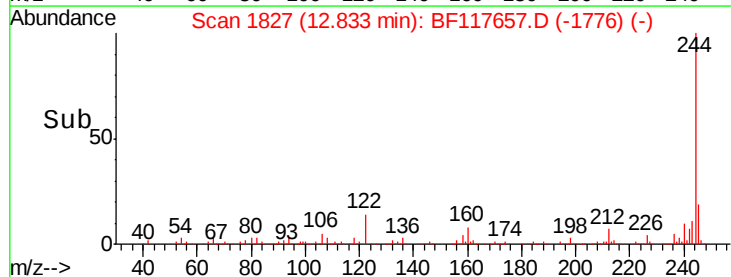
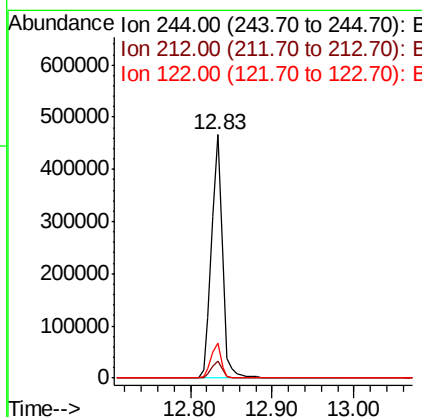
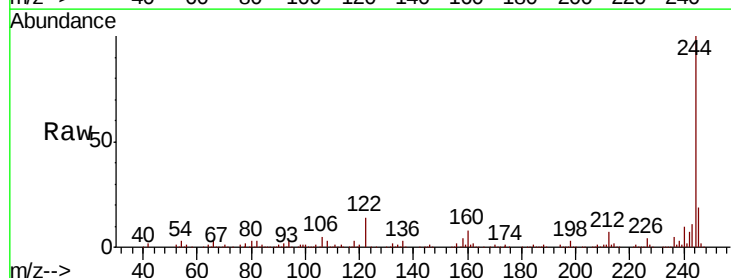
Instrument :
 BNA_F
 ClientSampleId :

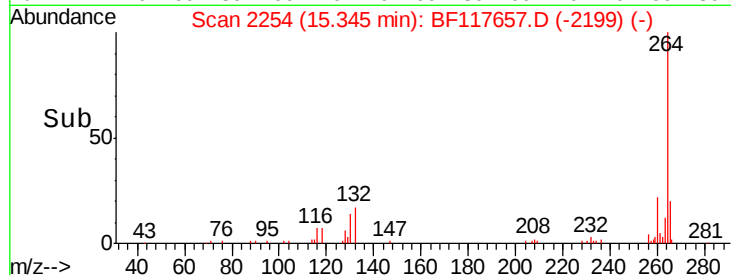
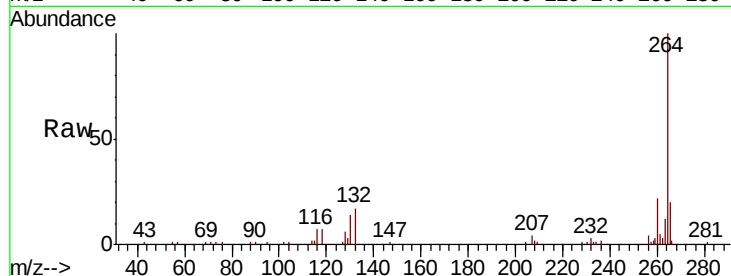
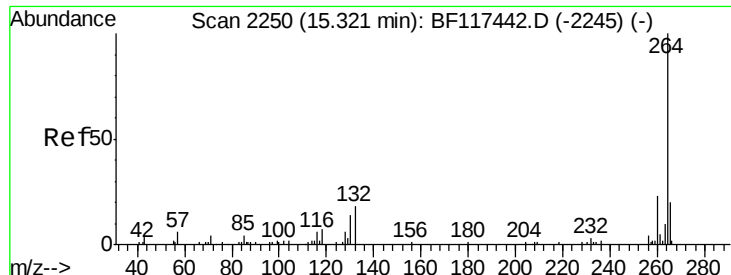
Tot Ion:240 Resp: 97170
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.4 12.6
 236 25.7 20.0 30.0



#79
 Terphenyl-d14
 Concen: 72.619 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

Tgt Ion:244 Resp: 432612
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 14.2 11.8 17.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.02 min
 Lab File: BF117657.D
 Acq: 31 Oct 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	82661
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.4	27.6
265	20.4	16.1	24.1

