

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117768.D
 Acq On : 12 Nov 2019 19:10
 Operator : JU
 Sample : K5760-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3425

Quant Time: Nov 13 01:15:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

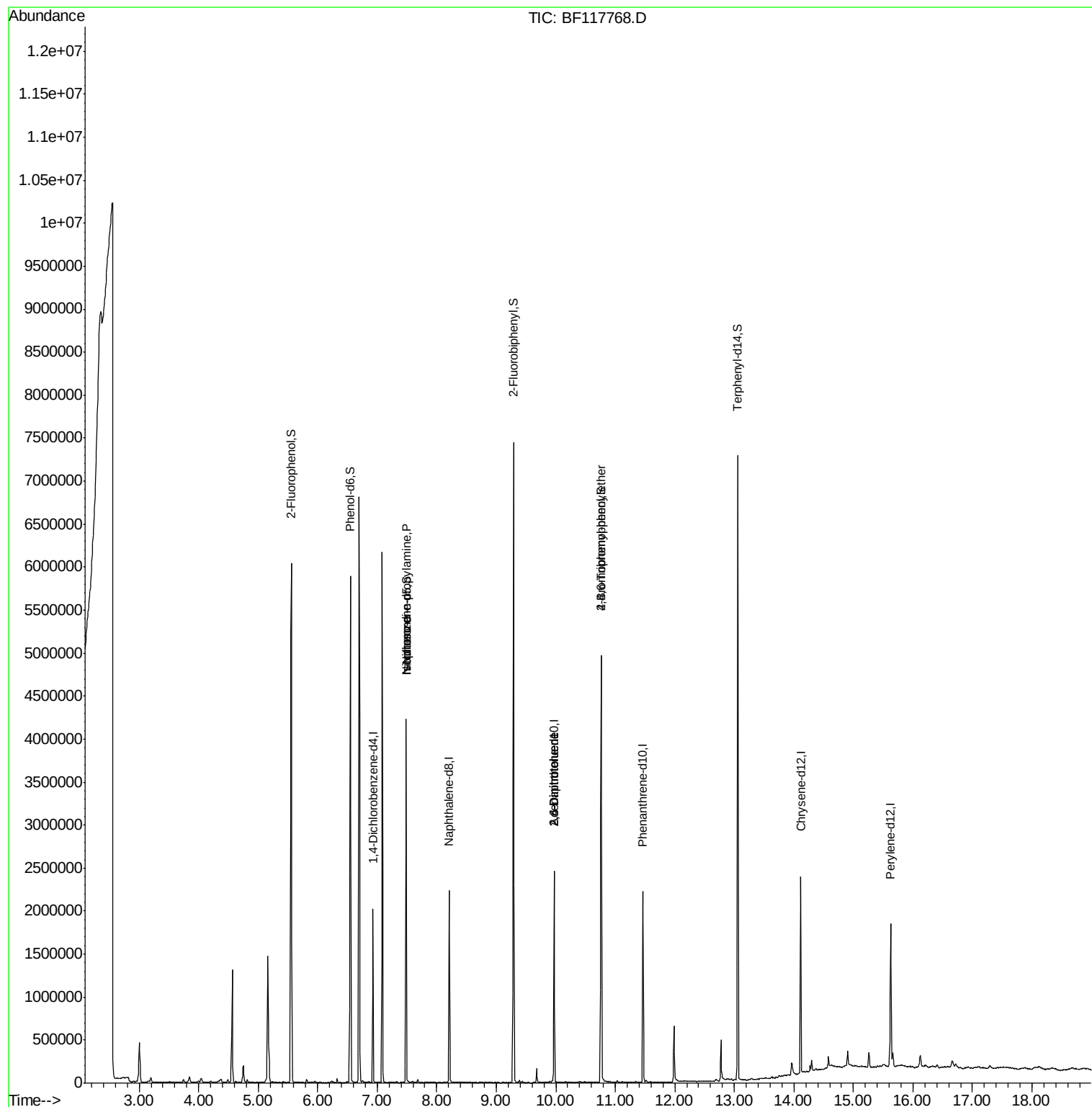
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	263058	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	997239	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	496610	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	850947	20.00	ng	0.00
76) Chrysene-d12	14.12	240	744211	20.00	ng	0.00
87) Perylene-d12	15.63	264	785712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1773673	122.05	ng	0.02
7) Phenol-d6	6.55	99	2090205	116.65	ng	0.00
23) Nitrobenzene-d5	7.49	82	1393489	82.50	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	620698	127.77	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2472599	98.24	ng	0.00
79) Terphenyl-d14	13.06	244	2650080	73.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	193284	16.405	ng	# 77
25) Isophorone	7.49	82	1393478	43.133	ng	# 63
51) 2,6-Dinitrotoluene	9.97	165	65688	8.738	ng	# 31
57) 2,4-Dinitrotoluene	9.97	165	65688	6.812	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	38159	4.106	ng	# 1

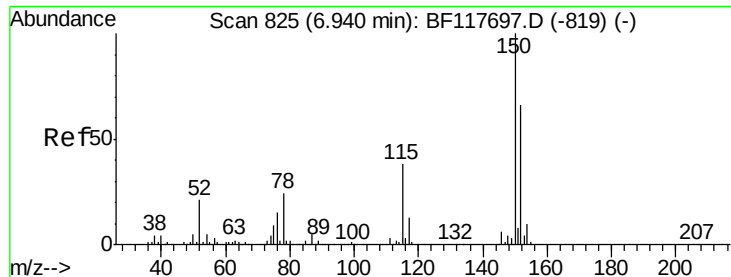
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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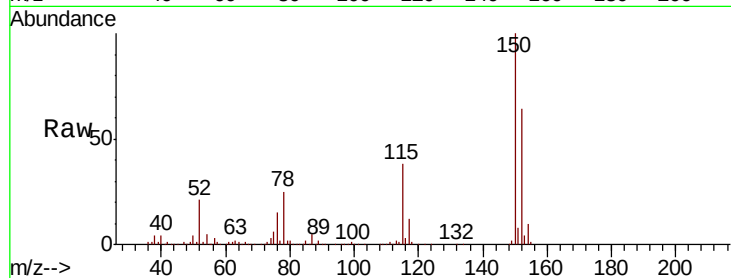


#1

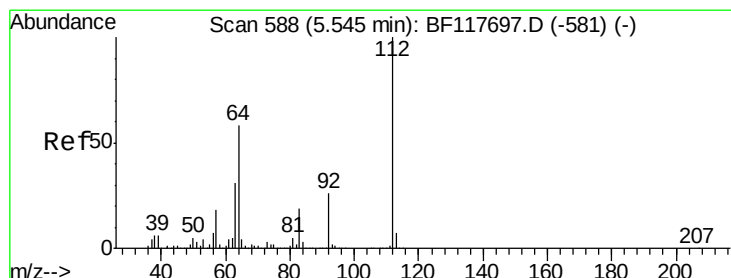
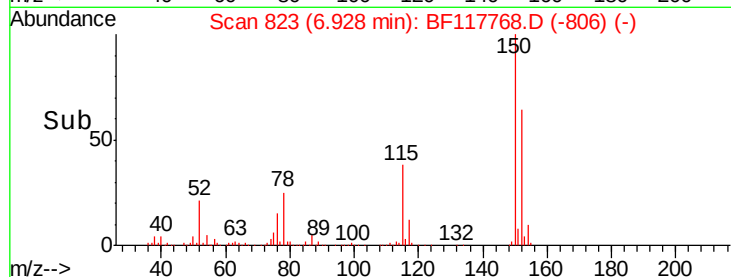
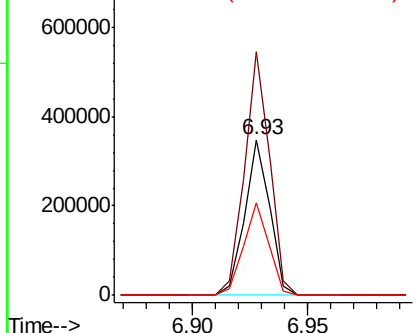
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Instrument :
BNA_F
ClientSampleId :
3425

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	190.0
115	59.8	47.6	71.4



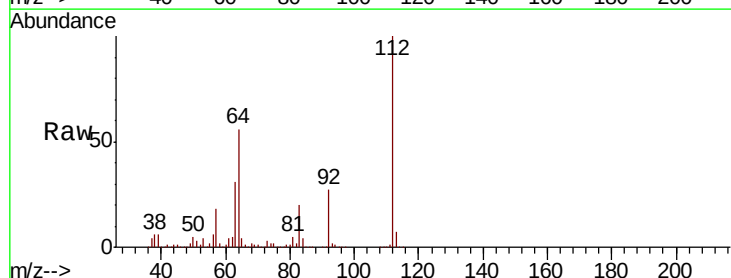
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



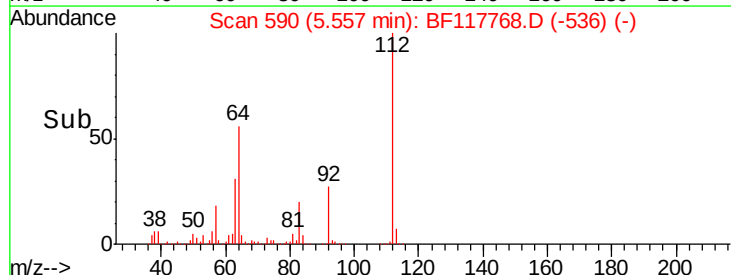
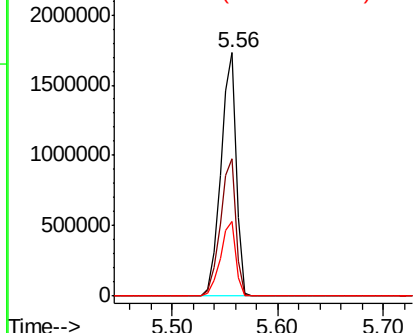
#5

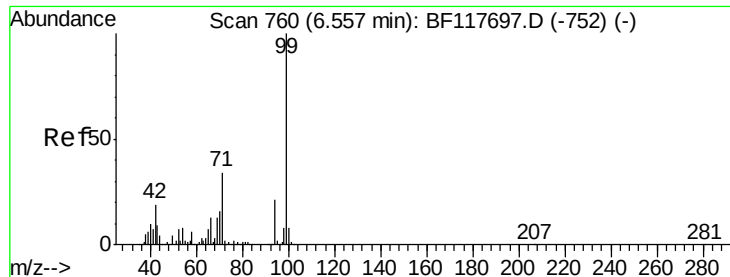
2-Fluorophenol
Concen: 122.050 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.5	65.3
63	30.8	23.5	35.3



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: 116.649 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Instrument :

BNA_F

ClientSampleId :

3425

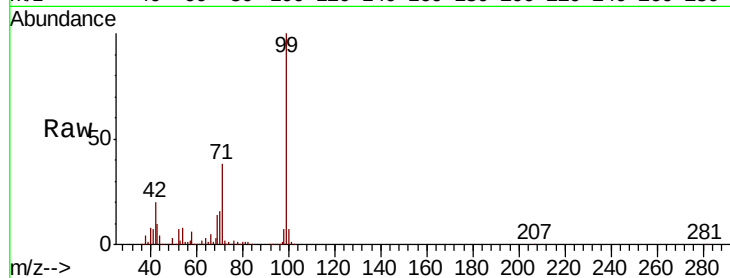
Tot Ion: 99 Resp: 2090205

Ion Ratio Lower Upper

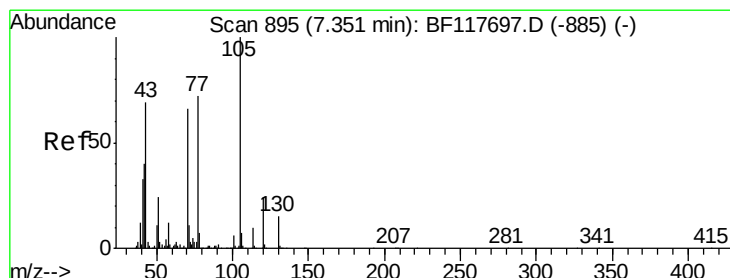
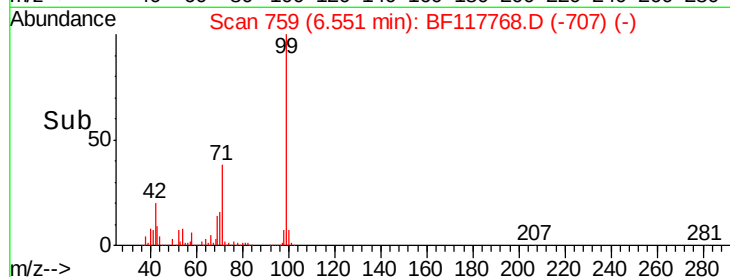
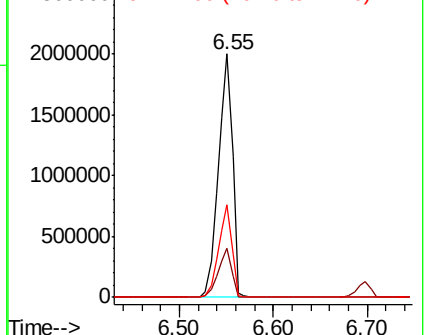
99 100

42 20.1 15.3 22.9

71 38.2 28.2 42.2



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: 16.405 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.15 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Tgt Ion: 70 Resp: 193284

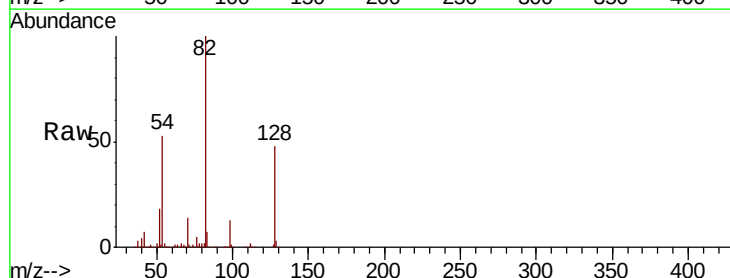
Ion Ratio Lower Upper

70 100

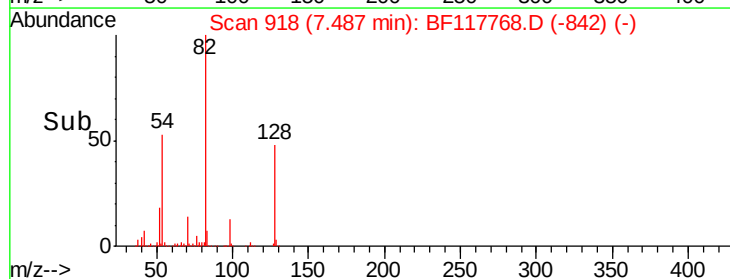
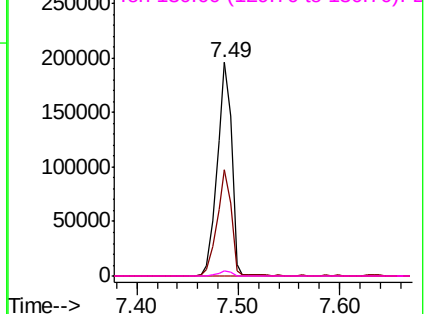
42 49.8 48.7 73.1

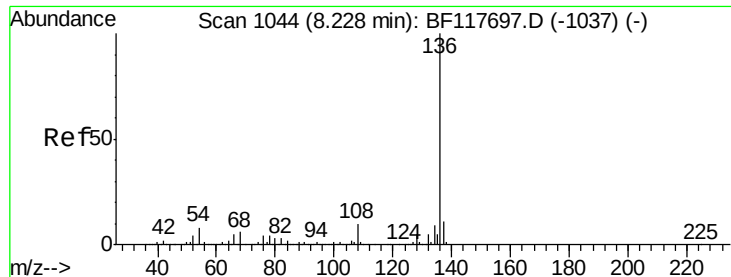
101 0.0 8.4 12.6#

130 2.2 18.4 27.6#



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

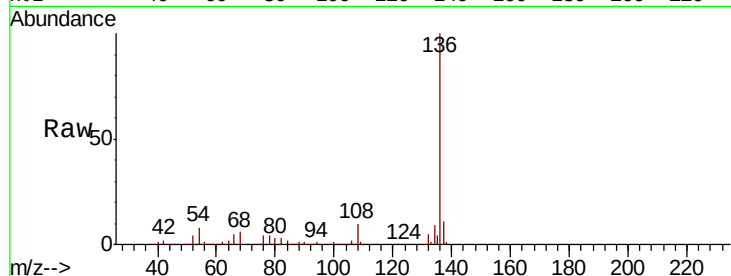




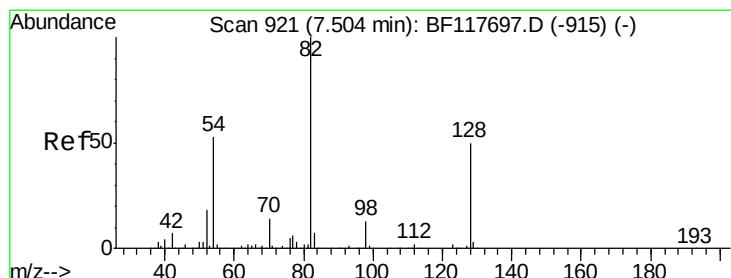
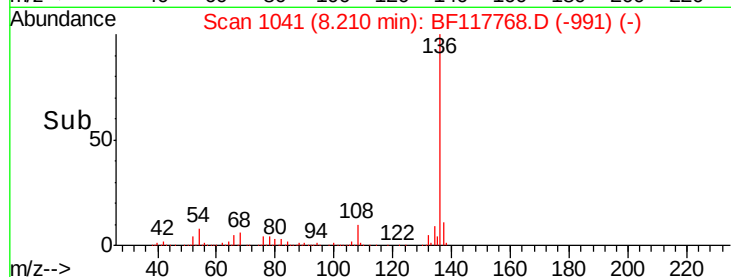
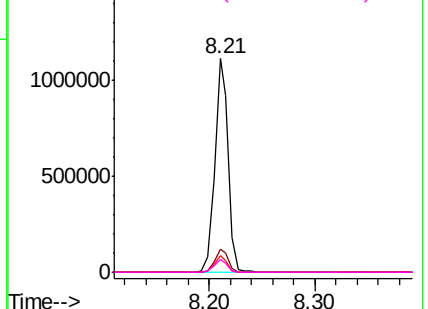
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Instrument :
BNA_F
ClientSampleId :
3425

Tot Ion:136	Resp:	997239	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 7.8	6.1	9.1	
68 5.9	4.6	7.0	

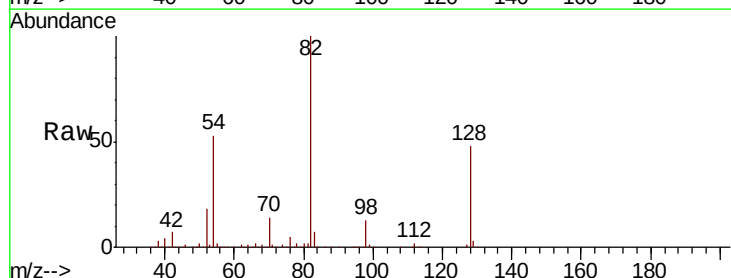


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

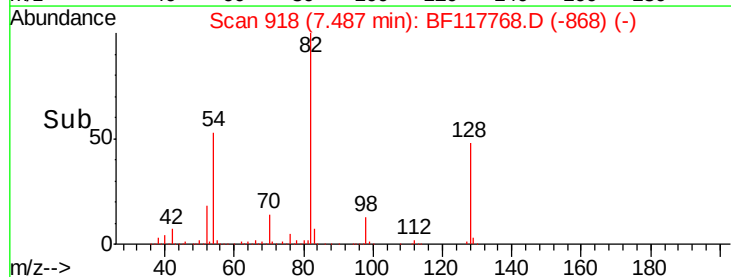
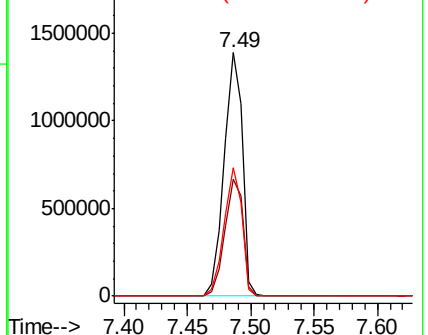


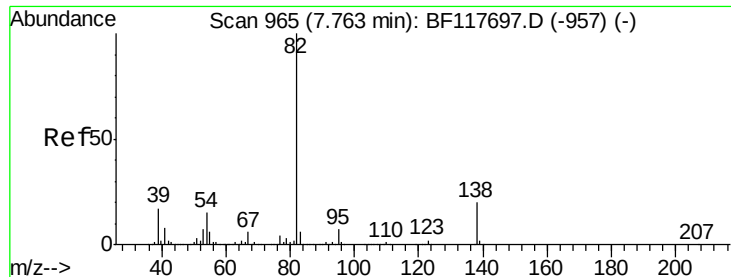
#23
Nitrobenzene-d5
Concen: 82.498 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Tgt Ion: 82	Resp: 1393489
Ion Ratio	Lower Upper
82 100	
128 47.8	38.7 58.1
54 52.8	41.4 62.2



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: 43.133 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Instrument :

BNA_F

ClientSampleId :

3425

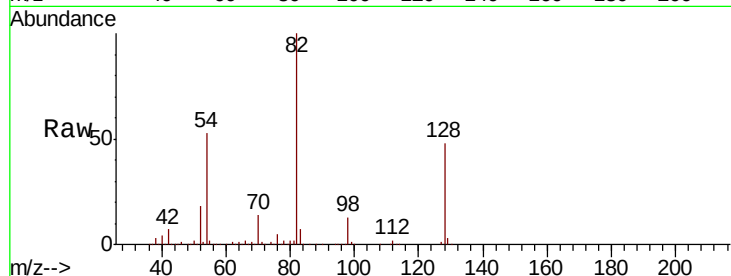
Tot Ion: 82 Resp: 1393478

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

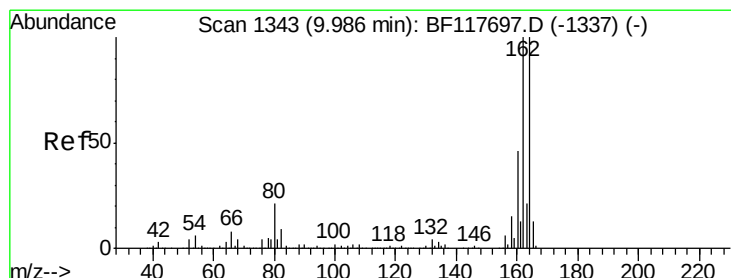
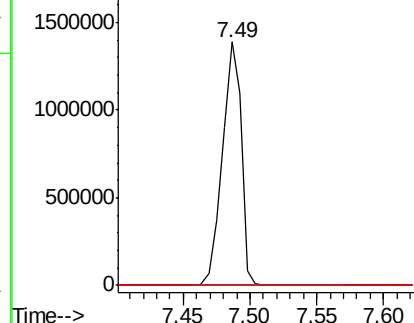
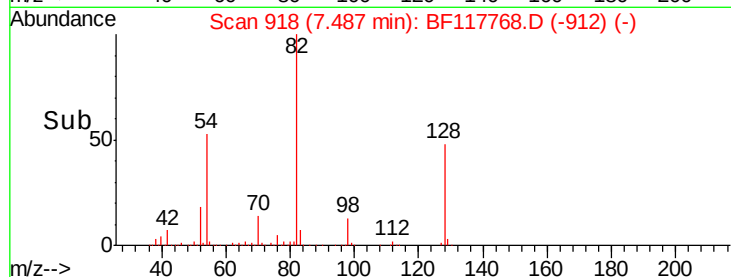
138 0.0 16.0 24.0#



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

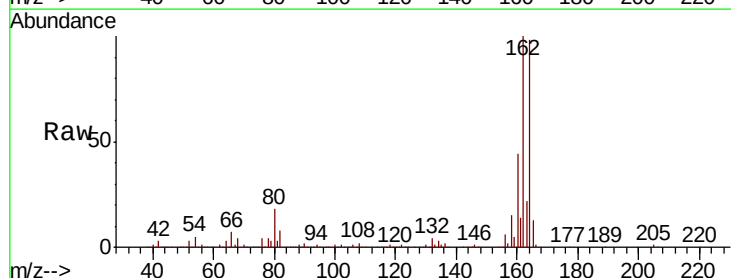
Tgt Ion:164 Resp: 496610

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

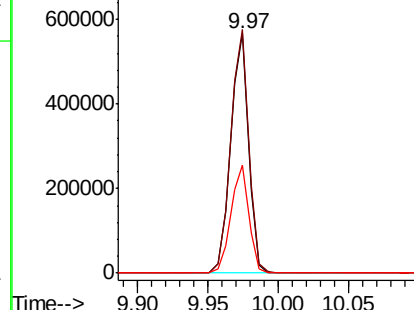
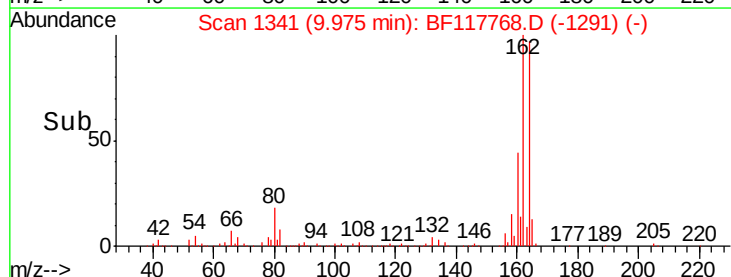
160 45.1 36.3 54.5

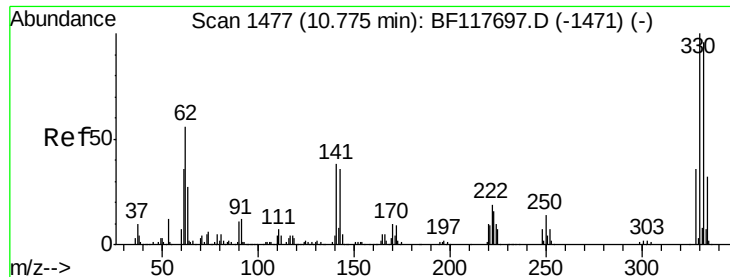


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

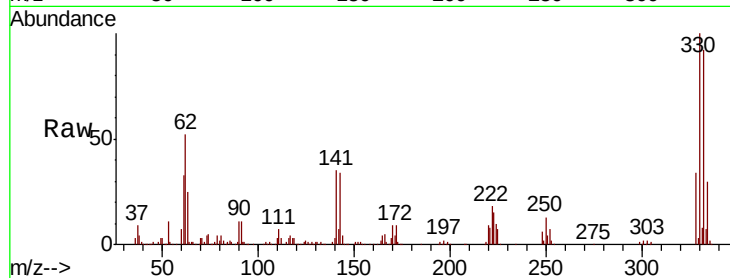




#42
 2,4,6-Tribromophenol
 Concen: 127.769 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 3425

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	33.4	26.5	39.7

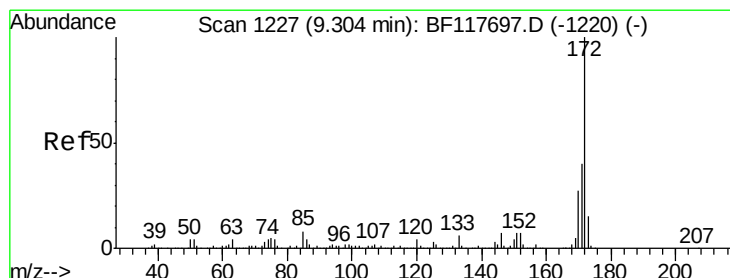
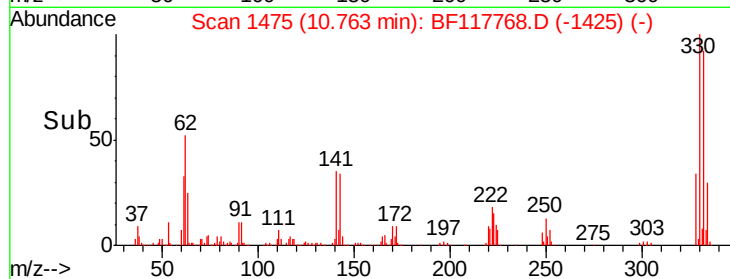
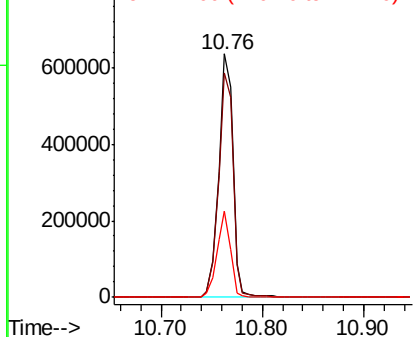


Abundance

Ion 329.80 (329.50 to 330.50): E

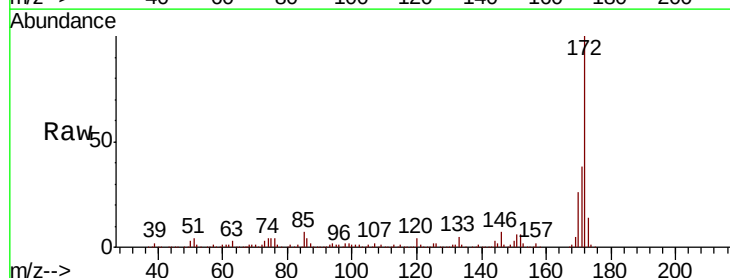
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.235 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.7	46.1
170	25.6	20.6	30.8

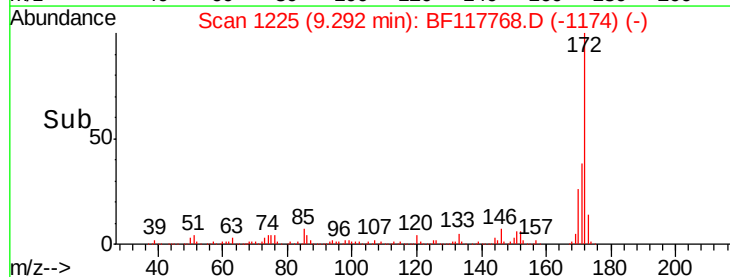
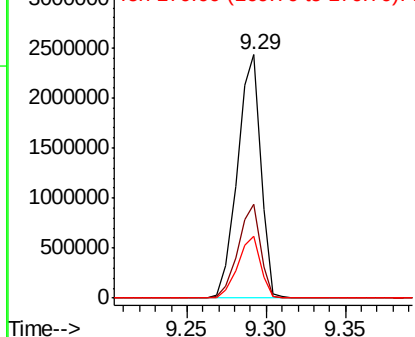


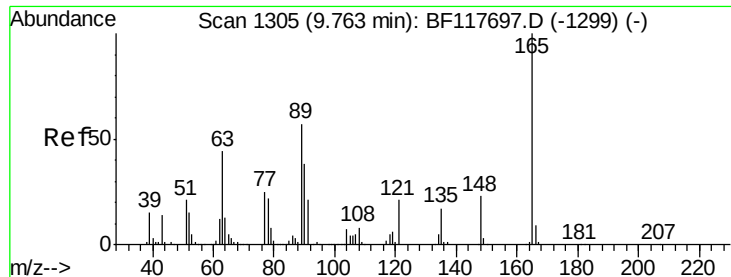
Abundance

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

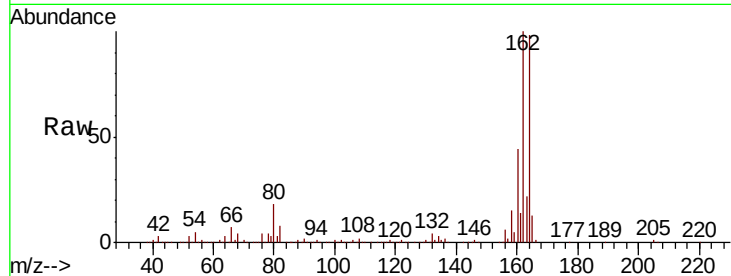




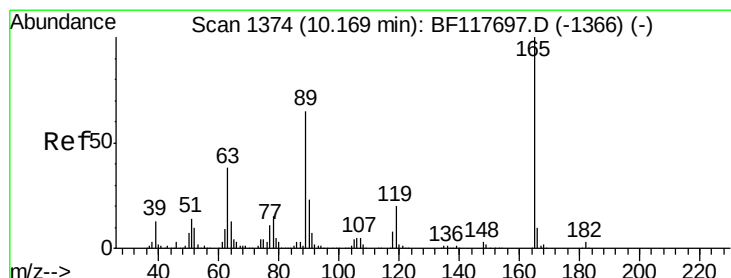
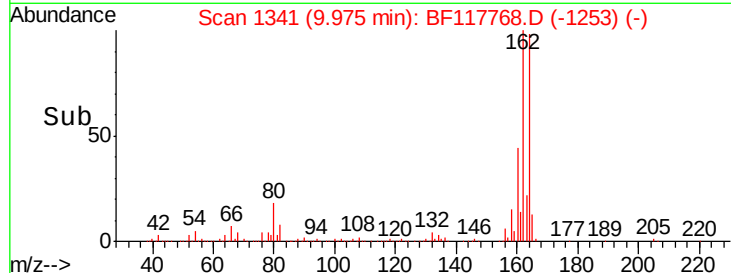
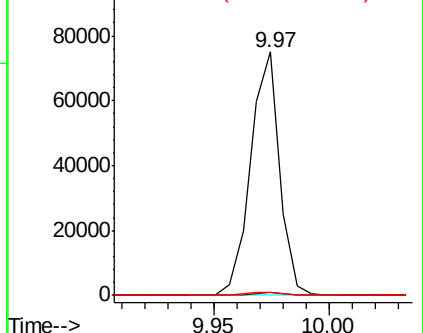
#51
 2,6-Dinitrotoluene
 Concen: 8.738 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.22 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 3425

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.6	55.0#
89	1.3	39.2	58.8#



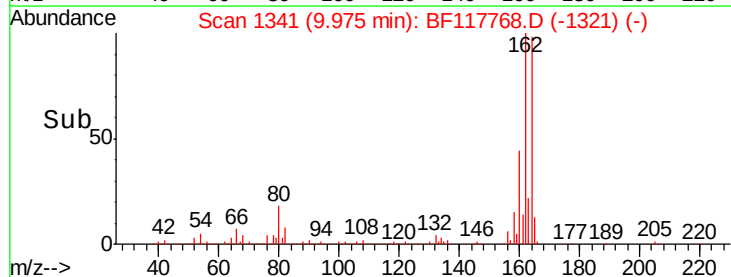
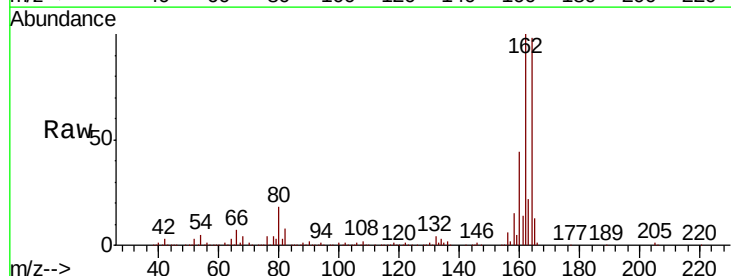
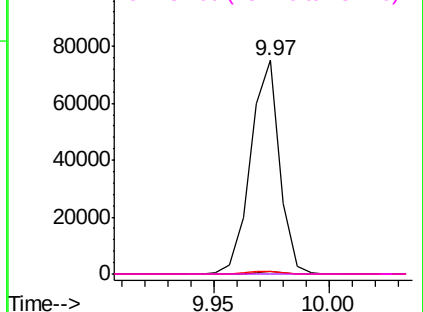
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

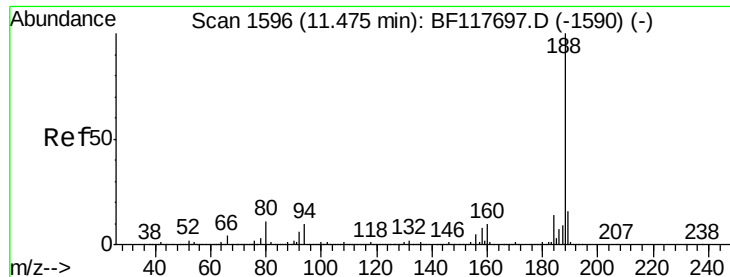


#57
 2,4-Dinitrotoluene
 Concen: 6.812 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.18 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.3	57.8	86.8#
182	0.0	2.3	3.5#

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
 Ion 182.00 (181.70 to 182.70): E

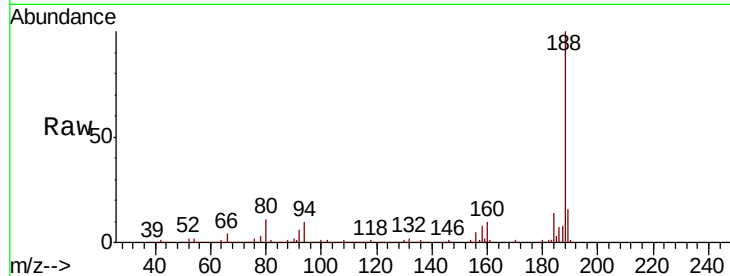




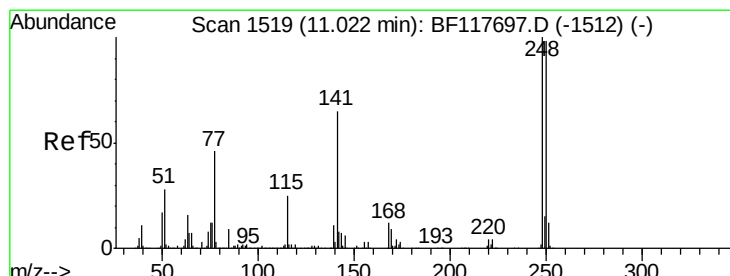
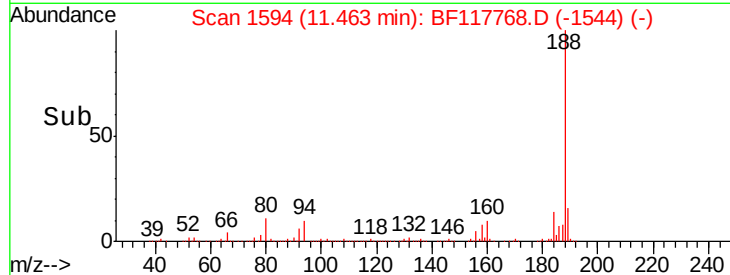
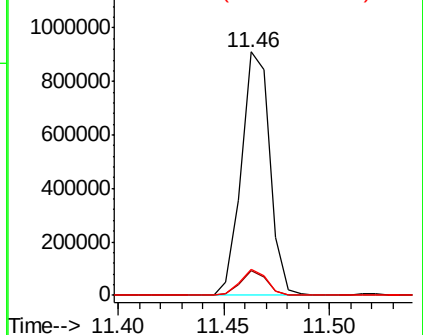
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 3425

Tot Ion:188 Resp: 850947
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.4 11.2
 80 10.8 8.1 12.1

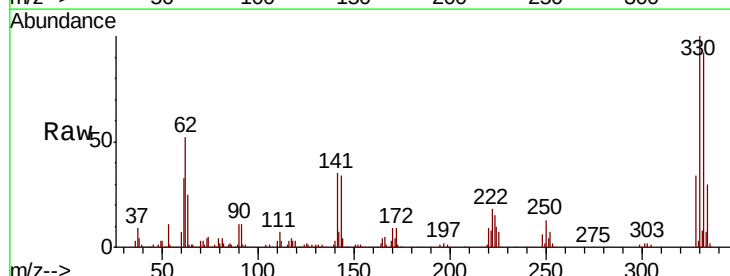


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

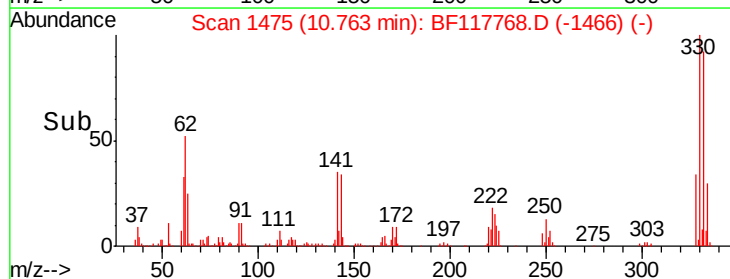
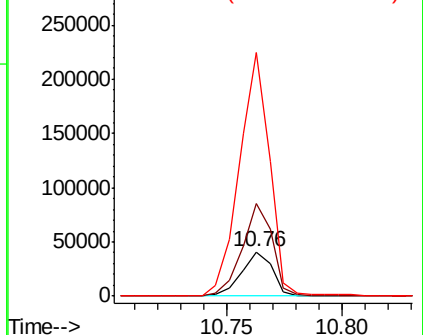


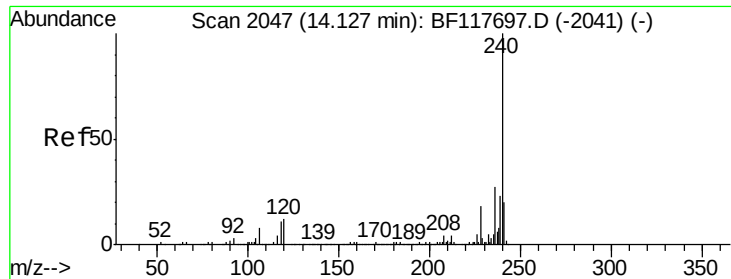
#67
 4-Bromophenyl-phenylether
 Concen: 4.106 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.25 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Tgt Ion:248 Resp: 38159
 Ion Ratio Lower Upper
 248 100
 250 207.4 77.8 116.6#
 141 547.7 58.6 88.0#



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

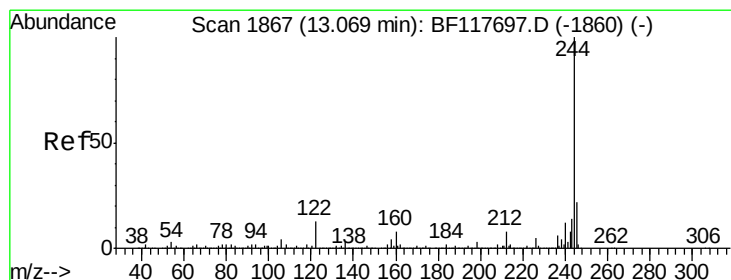
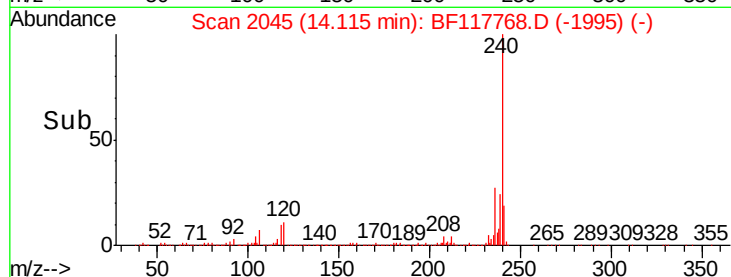
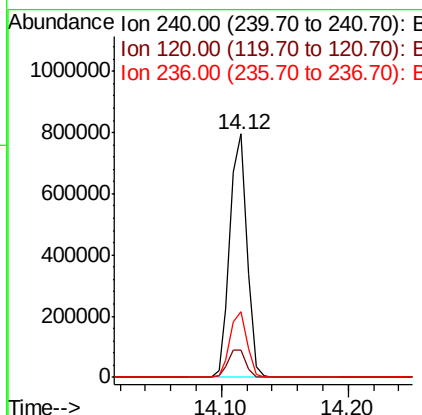
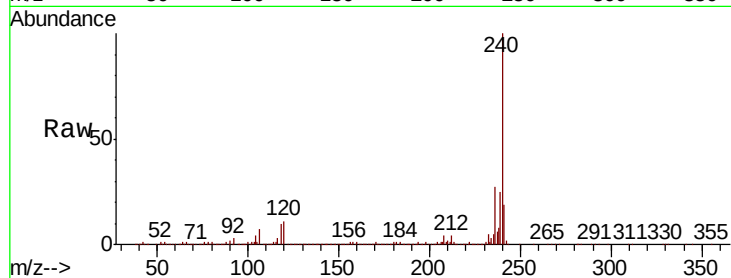




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

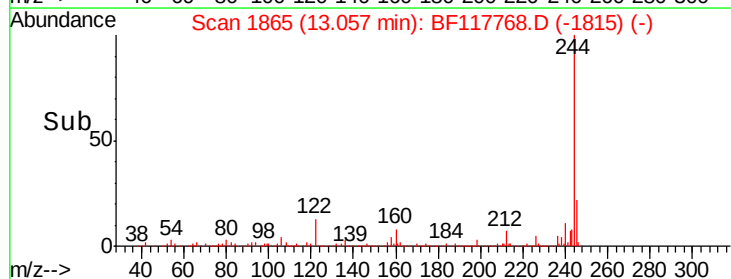
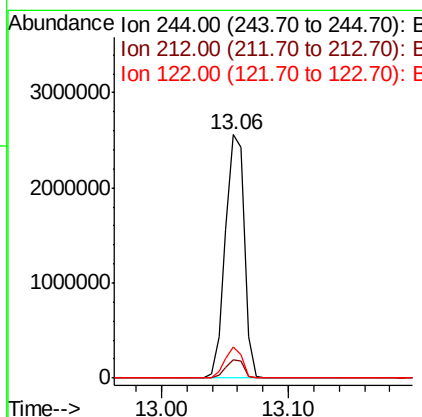
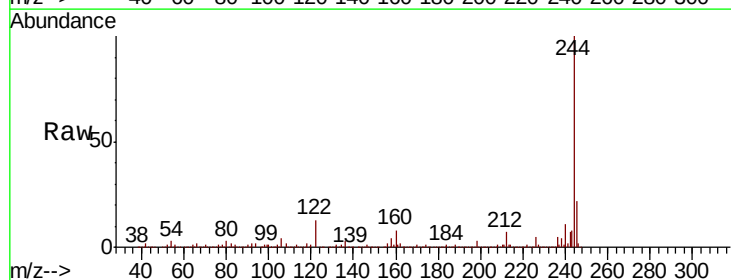
Instrument :
 BNA_F
 ClientSampleID :
 3425

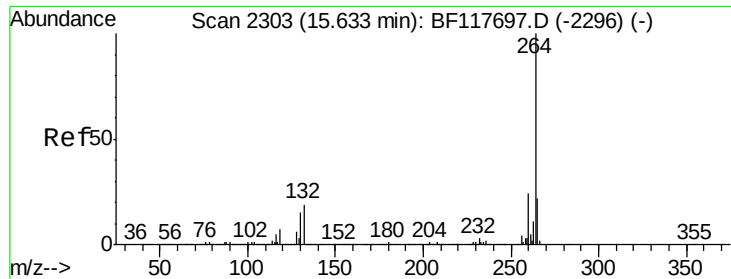
Tot Ion:240 Resp: 744211
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.3 13.9
 236 26.8 21.4 32.0



#79
 Terphenyl-d14
 Concen: 73.305 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Tgt Ion:244 Resp: 2650080
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 12.6 9.1 13.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Instrument :
BNA_F
ClientSampleId :
3425

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.1	17.2	25.8

