

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117956.D
 Acq On : 23 Nov 2019 15:07
 Operator : JU
 Sample : PB125043TBBL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:50:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

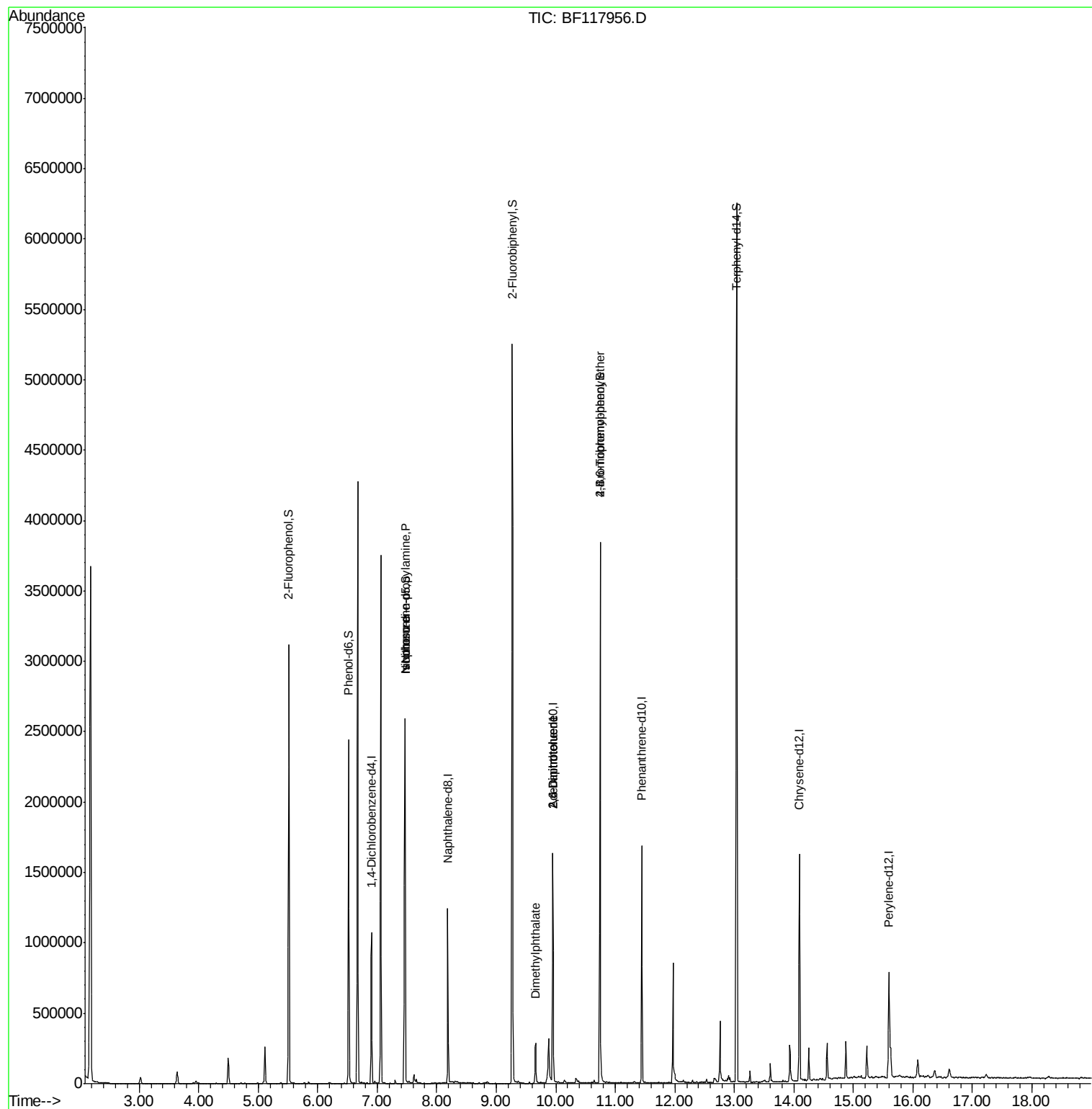
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156494	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	587772	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	307404	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	609104	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	502881	20.00	ng	-0.02
87) Perylene-d12	15.60	264	321271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	873345	98.78	ng	-0.02
7) Phenol-d6	6.52	99	770506	72.26	ng	-0.02
23) Nitrobenzene-d5	7.47	82	917301	92.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	508152	156.14	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1715931	100.14	ng	-0.02
79) Terphenyl-d14	13.04	244	2301285	83.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	1141	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.47	70	125554	19.085 ng	#	72
25) Isophorone	7.47	82	917293	50.617 ng	#	62
50) Dimethylphthalate	9.66	163	125667	5.830 ng		97
51) 2,6-Dinitrotoluene	9.95	165	38530	8.178 ng	#	24
57) 2,4-Dinitrotoluene	9.95	165	38530	6.429 ng	#	25
67) 4-Bromophenyl-phenylether	10.75	248	31702	4.824 ng	#	1
75) Fluoranthene	12.66	202	502	Below Cal		63

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

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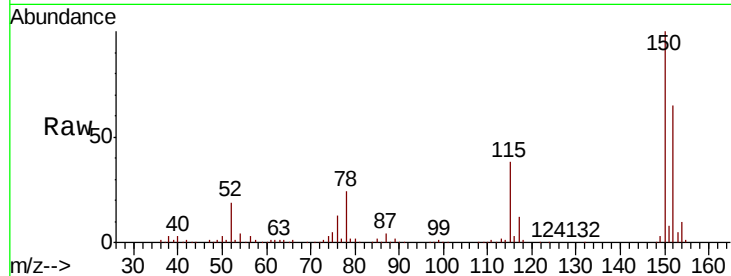


#1

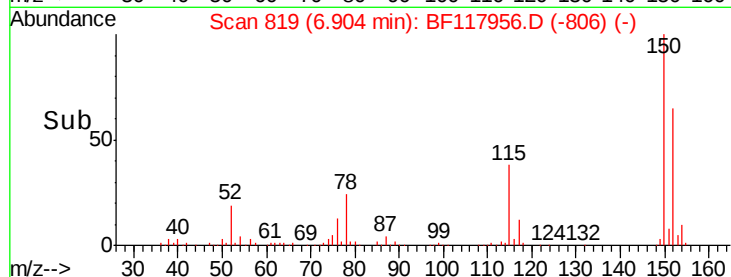
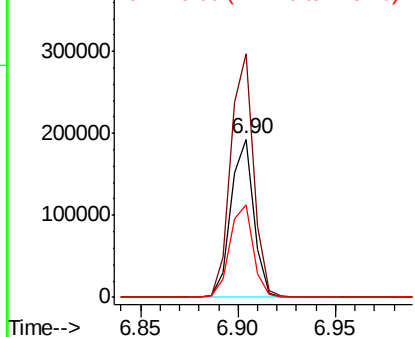
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156494
Ion Ratio Lower Upper
152 100
150 154.1 125.3 187.9
115 58.3 47.0 70.4



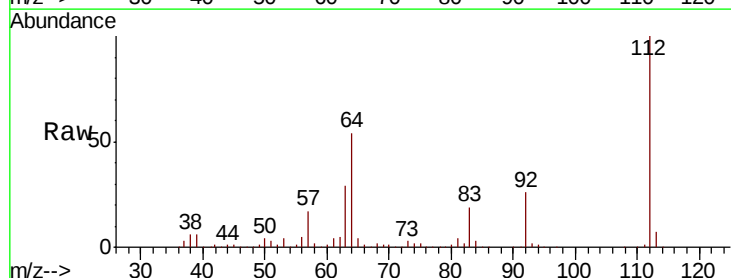
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



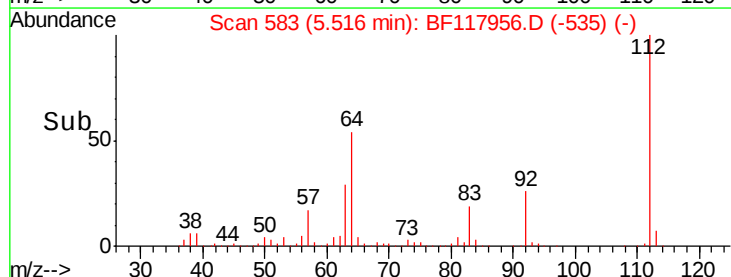
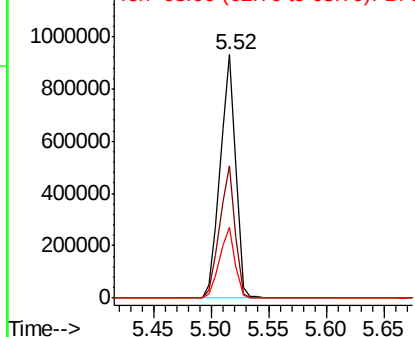
#5

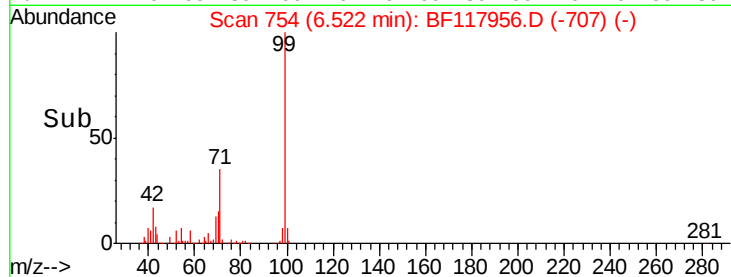
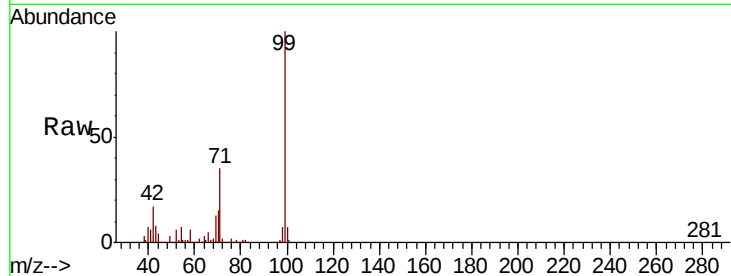
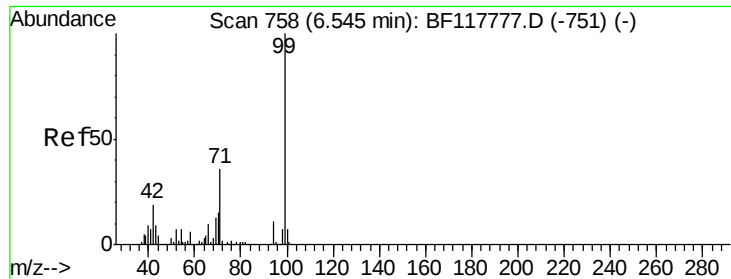
2-Fluorophenol
Concen: 98.784 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Tgt Ion:112 Resp: 873345
Ion Ratio Lower Upper
112 100
64 54.4 45.6 68.4
63 28.9 24.1 36.1



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: 72.256 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

BNA_F

ClientSampled :

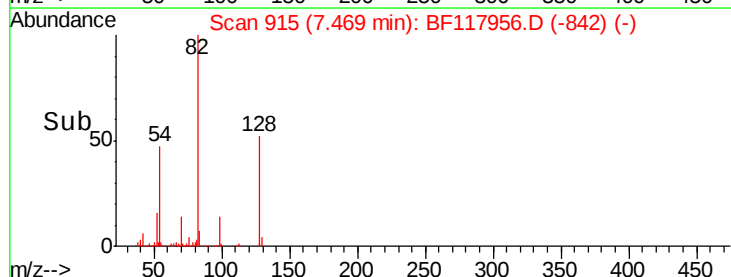
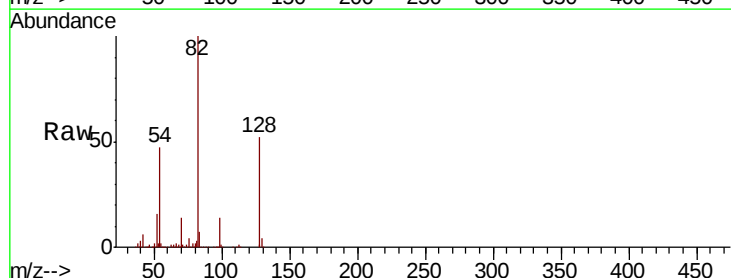
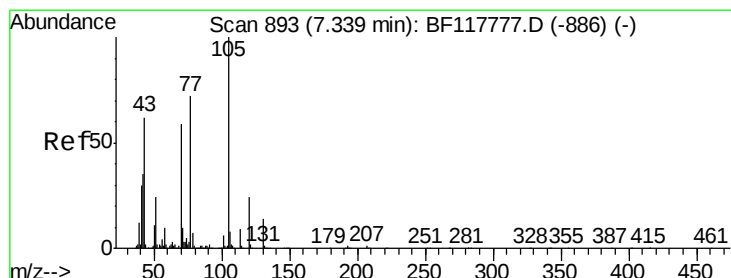
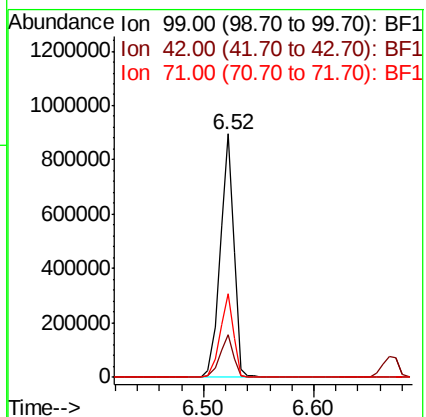
Tot Ion: 99 Resp: 770506

Ion Ratio Lower Upper

99 100

42 17.5 14.9 22.3

71 34.6 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.085 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.13 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Tgt Ion: 70 Resp: 125554

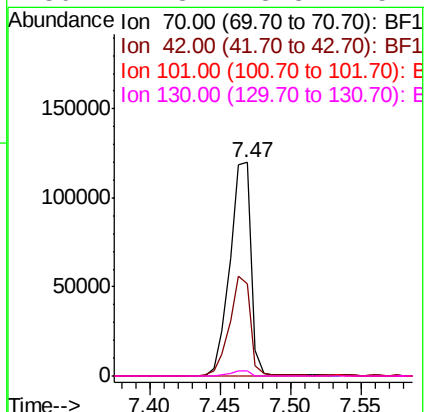
Ion Ratio Lower Upper

70 100

42 42.9 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#

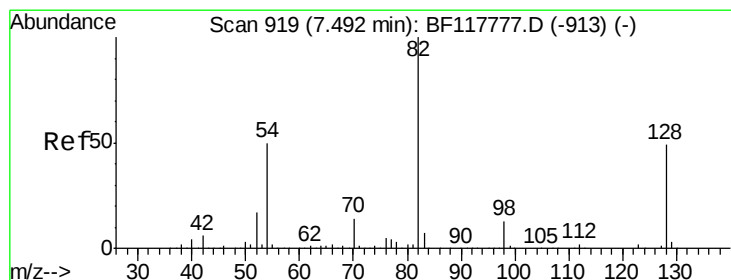
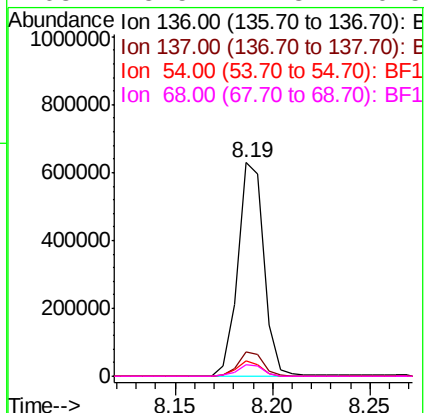
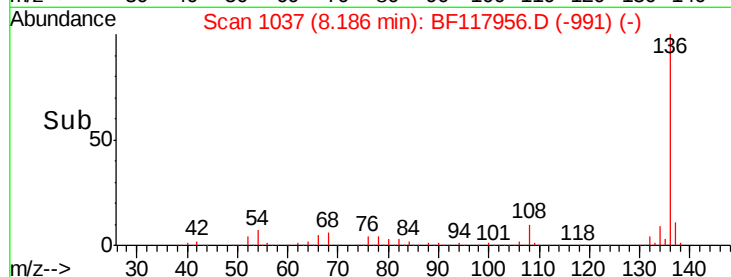
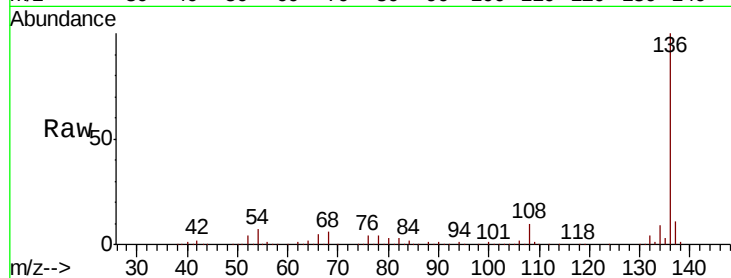




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

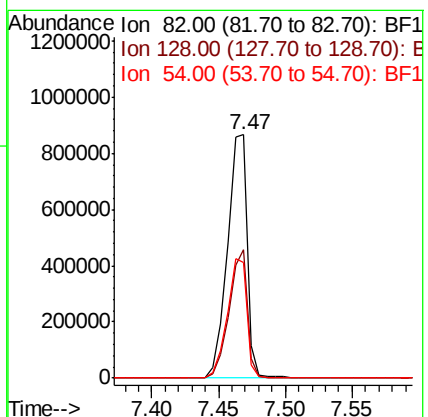
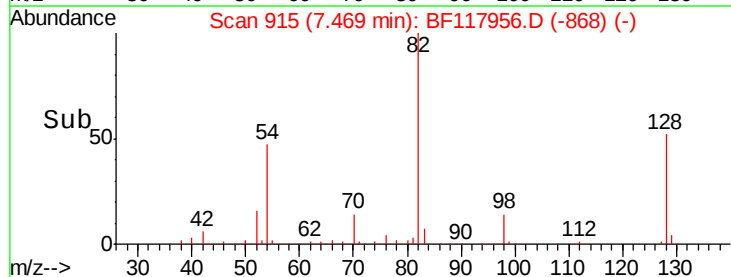
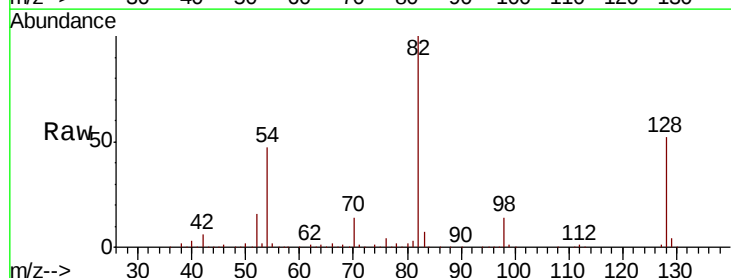
Instrument :
BNA_F
ClientSampleId :

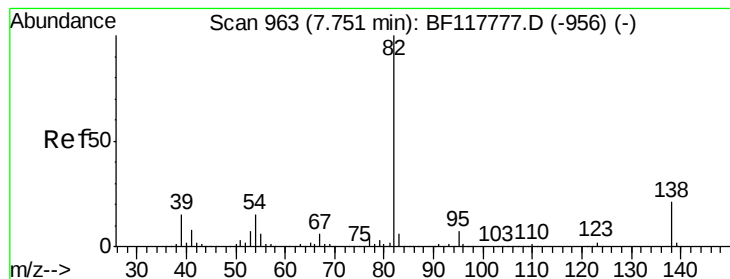
Tot Ion:136	Resp:	587772
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.0	5.4 8.2
68	5.5	4.3 6.5



#23
Nitrobenzene-d5
Concen: 92.774 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Tgt Ion: 82	Resp:	917301
Ion	Ratio	Lower Upper
82	100	
128	52.5	38.9 58.3
54	47.4	39.8 59.6





#25

Isophorone

Concen: 50.617 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.28 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

BNA_F

ClientSampled :

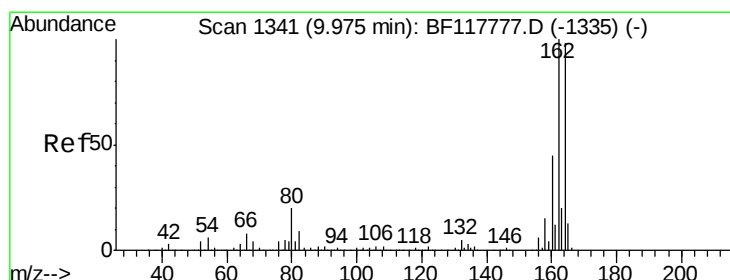
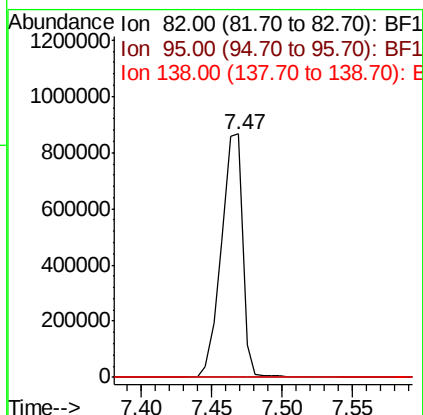
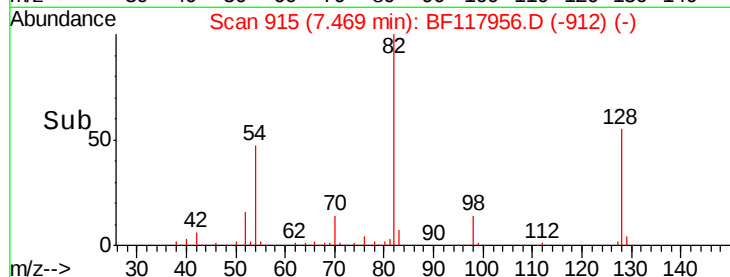
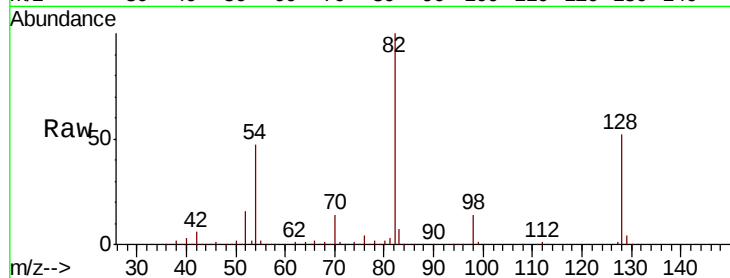
Tot Ion: 82 Resp: 917293

Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

138 0.0 16.5 24.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

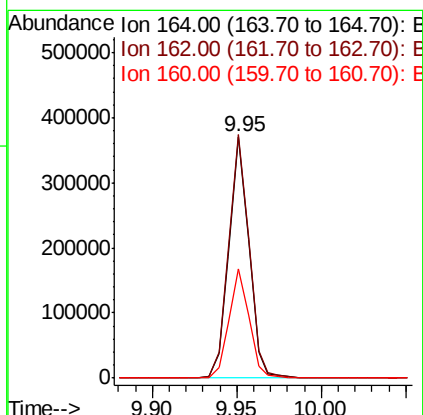
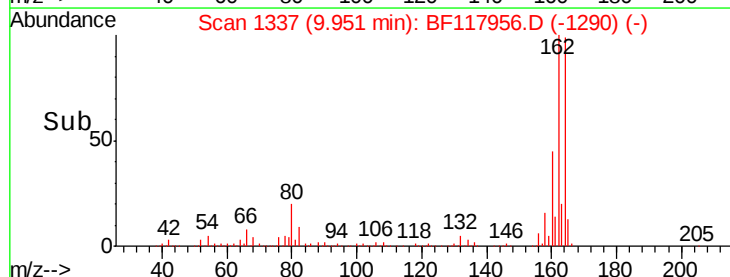
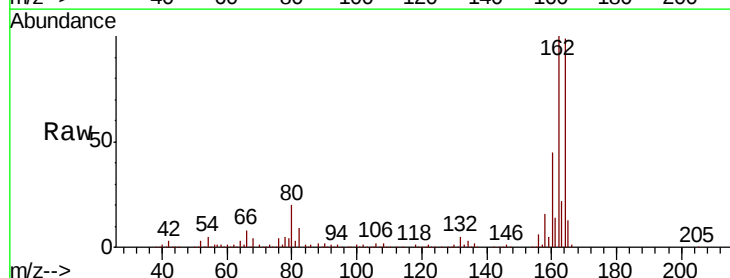
Tgt Ion:164 Resp: 307404

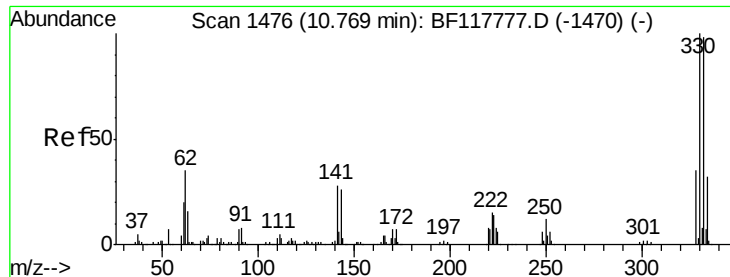
Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

160 45.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 156.141 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

Instrument :

BNA_F

ClientSampleId :

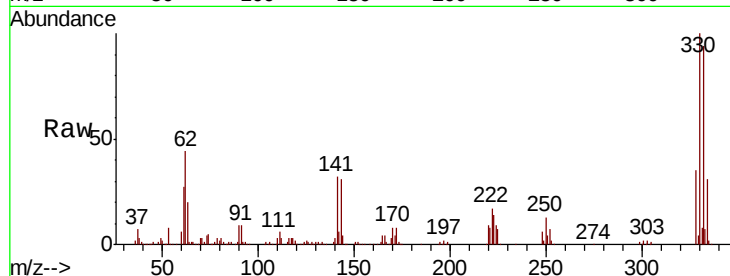
Tot Ion:330 Resp: 508152

Ion Ratio Lower Upper

330 100

332 95.4 76.7 115.1

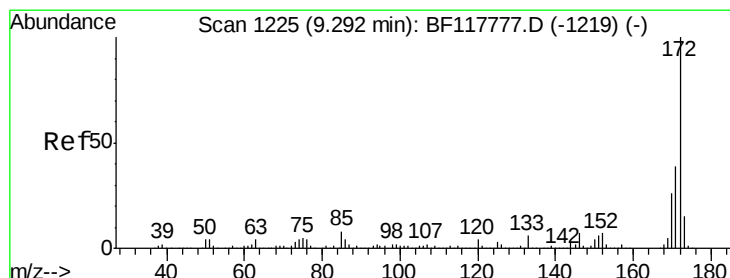
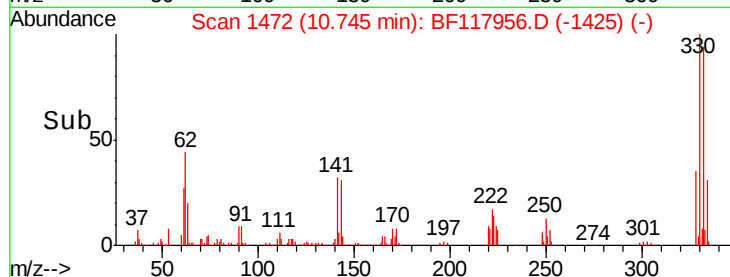
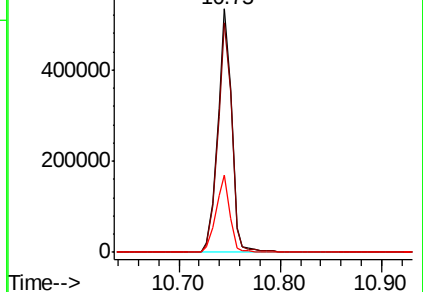
141 31.7 27.7 41.5



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: 100.143 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF117956.D

Acq: 23 Nov 2019 15:07

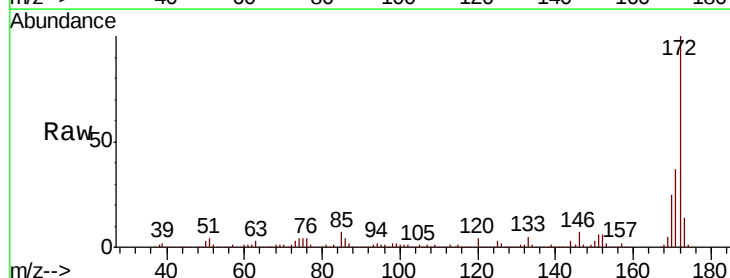
Tgt Ion:172 Resp: 1715931

Ion Ratio Lower Upper

172 100

171 37.2 30.9 46.3

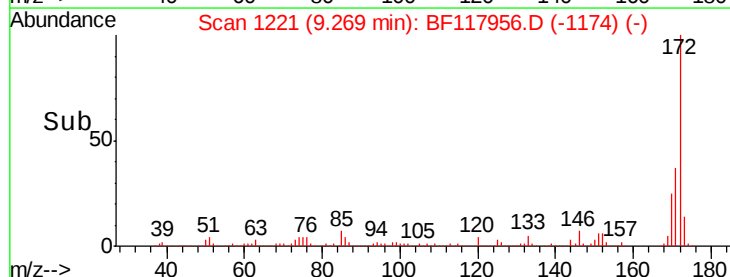
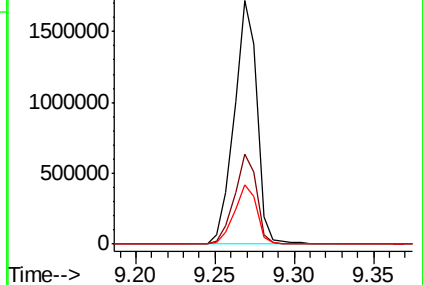
170 24.6 21.0 31.4

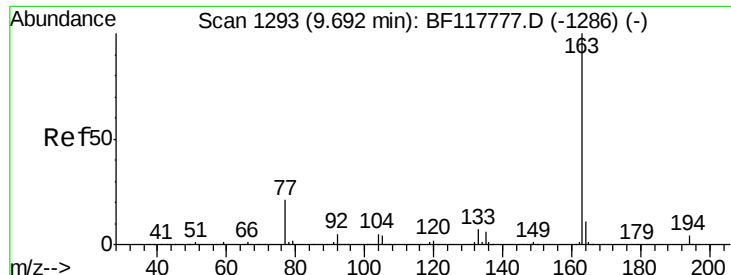


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

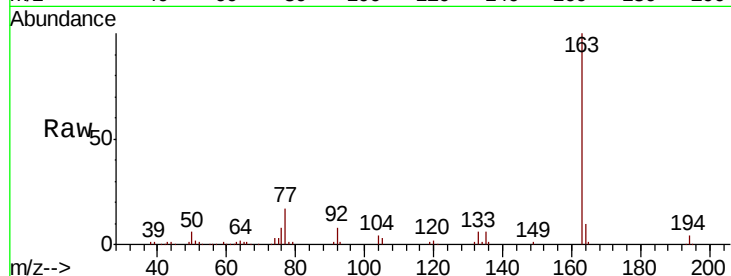




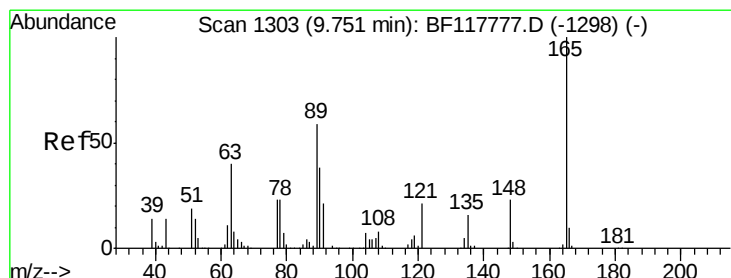
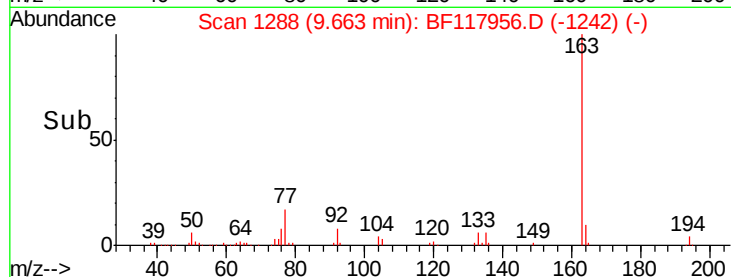
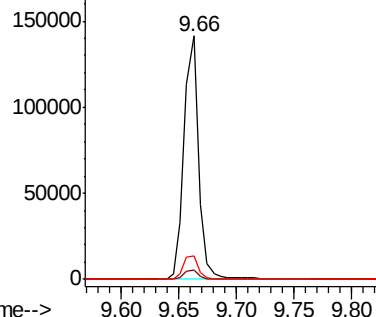
#50
Dimethylphthalate
Concen: 5.830 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.6	8.7	13.1

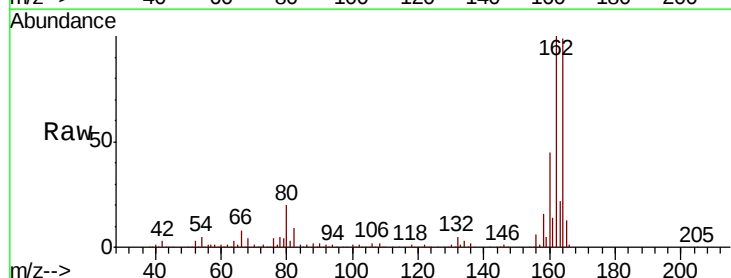


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

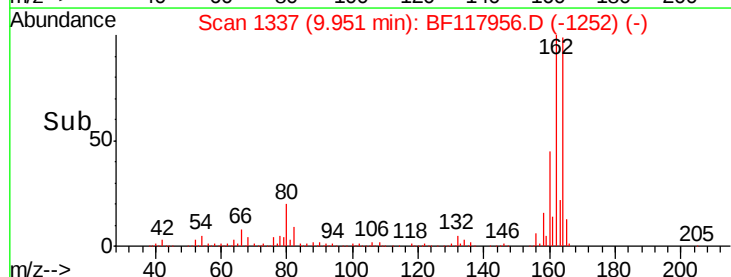
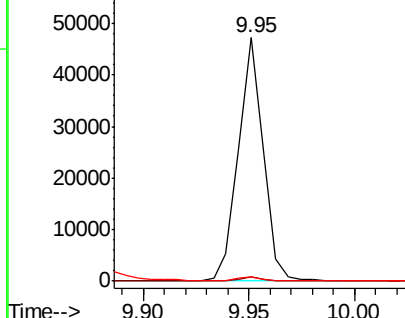


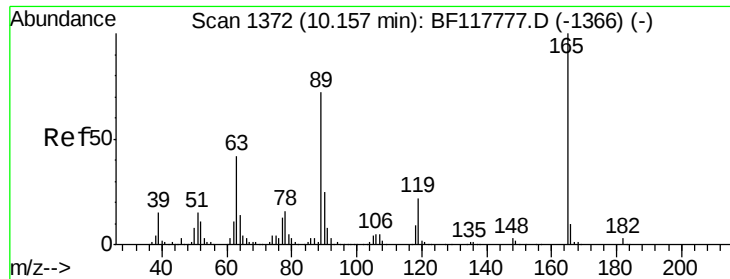
#51
2,6-Dinitrotoluene
Concen: 8.178 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.20 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.0	69.0#
89	1.5	47.7	71.5#



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

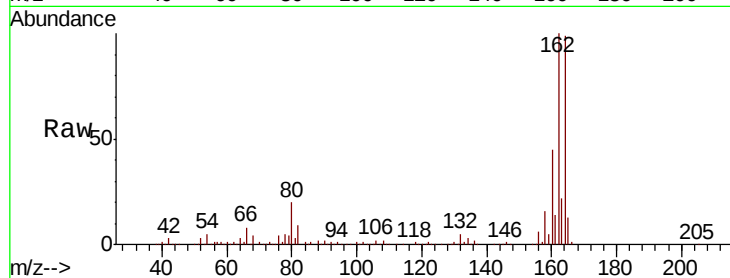




#57
 2,4-Dinitrotoluene
 Concen: 6.429 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.21 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.7	50.5#
89	1.5	57.3	85.9#
182	0.0	2.3	3.5#

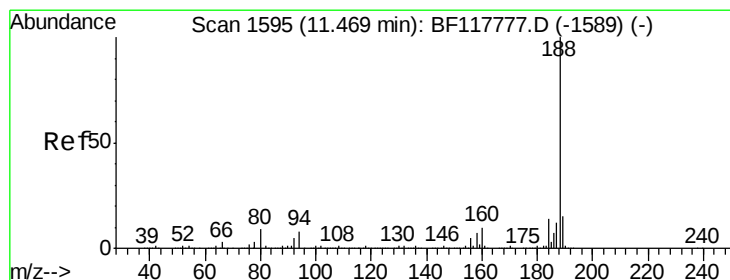
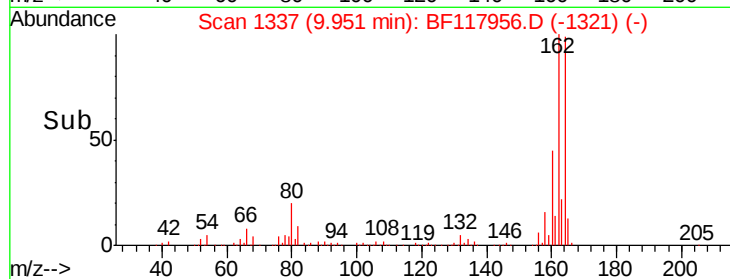
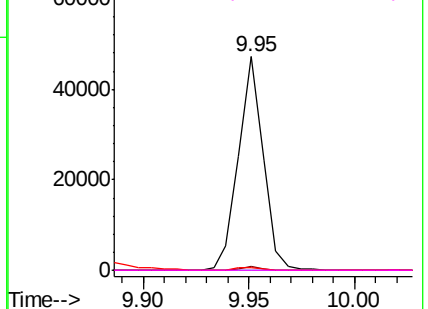


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

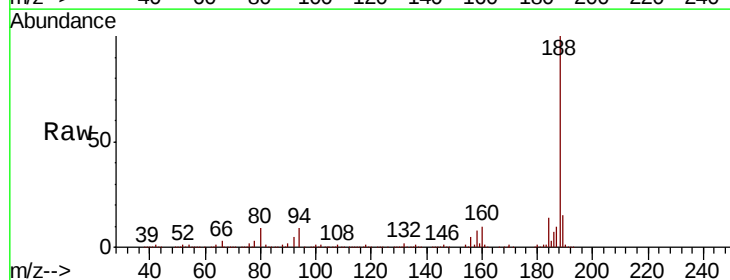
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

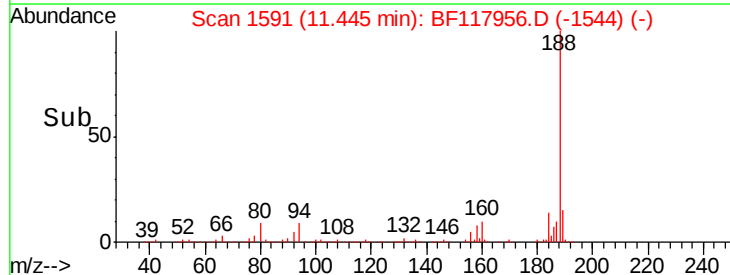
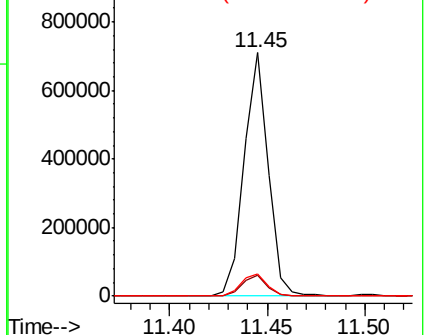
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	7.2	10.8

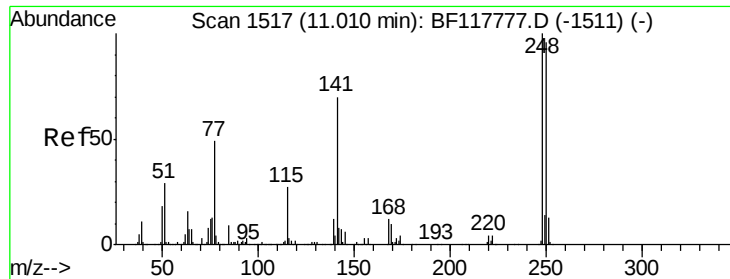


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

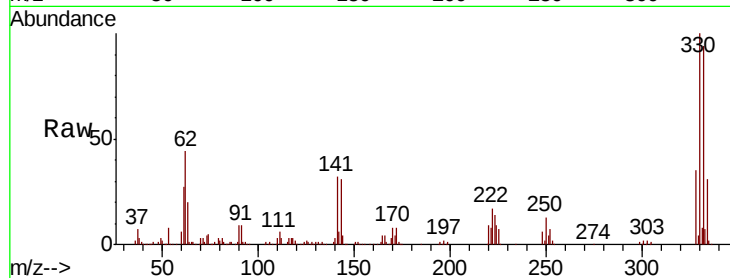




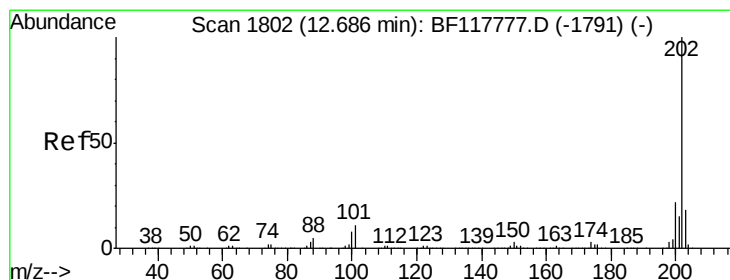
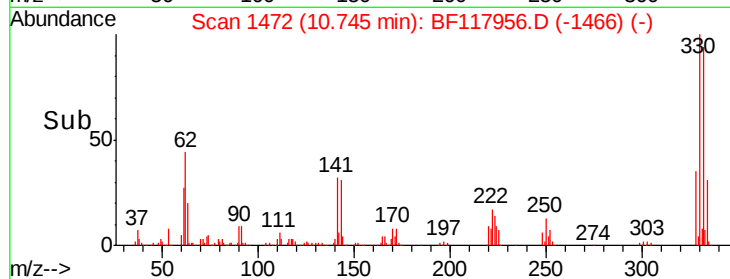
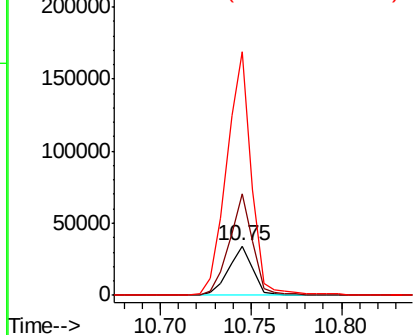
#67
 4-Bromophenyl-phenylether
 Concen: 4.824 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.26 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 31702
 Ion Ratio Lower Upper
 248 100
 250 205.1 76.6 115.0#
 141 492.3 55.9 83.9#

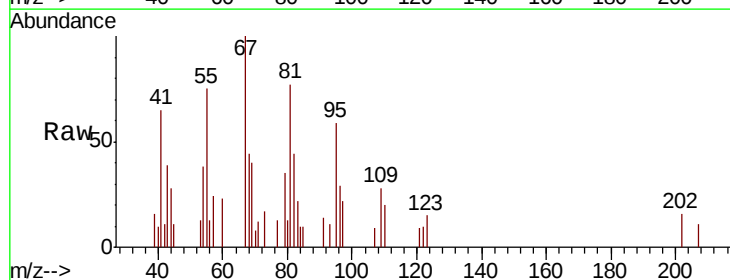


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

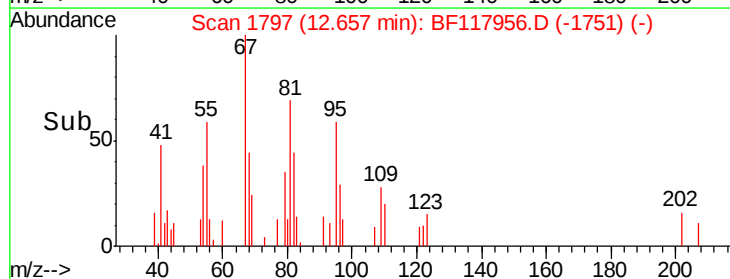
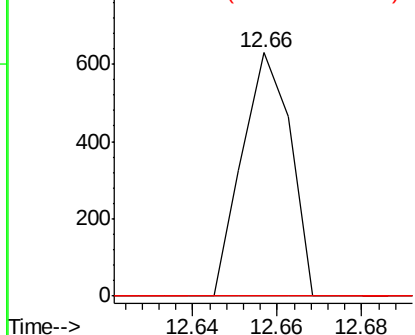


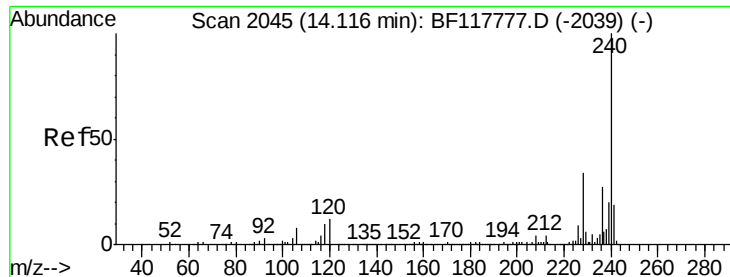
#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.66 min Scan# 1797
 Delta R.T. -0.03 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Tgt Ion:202 Resp: 502
 Ion Ratio Lower Upper
 202 100
 101 0.0 0.0 31.1
 203 0.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

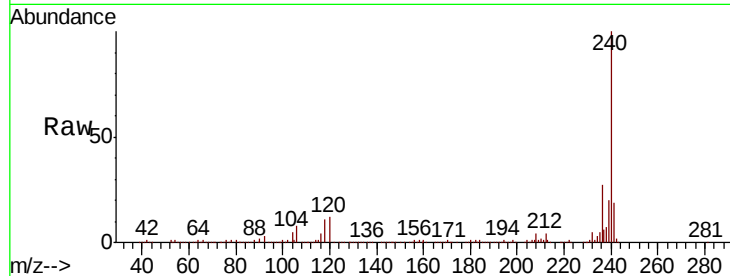




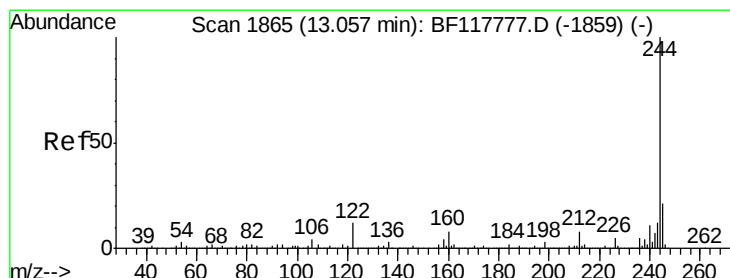
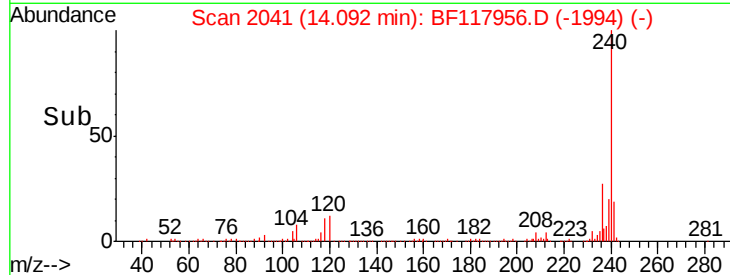
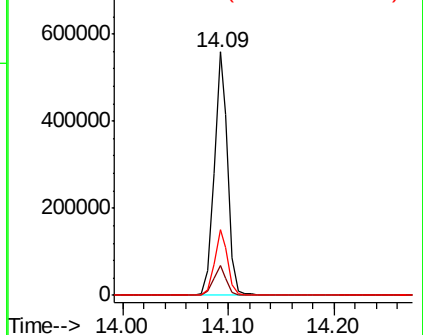
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 502881
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 26.7 21.3 31.9

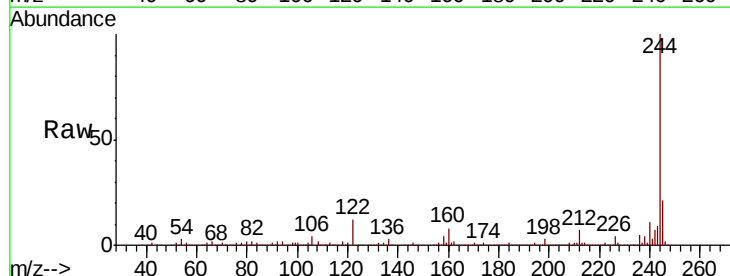


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

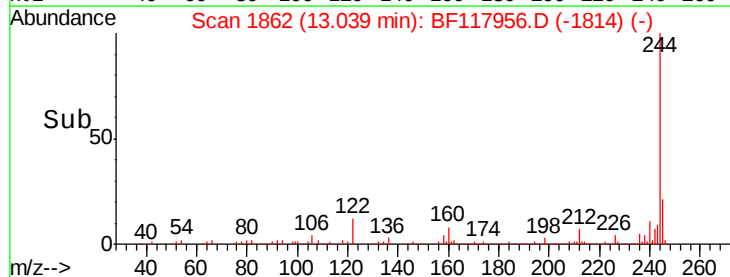
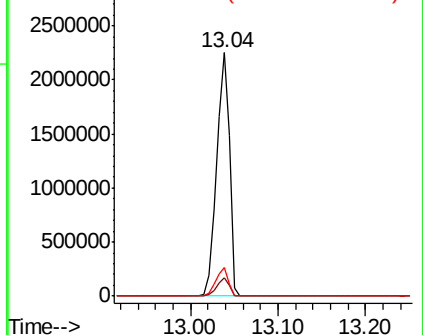


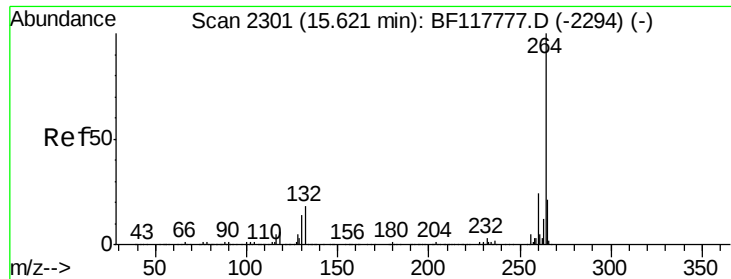
#79
 Terphenyl-d14
 Concen: 83.635 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117956.D
 Acq: 23 Nov 2019 15:07

Tgt Ion:244 Resp: 2301285
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.6 9.4 14.2



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117956.D
Acq: 23 Nov 2019 15:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.4	29.0
265	20.9	17.1	25.7

