

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117957.D
 Acq On : 23 Nov 2019 15:33
 Operator : JU
 Sample : K5972-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:51:18 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	135616	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	530538	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	302088	20.00	ng	-0.02
64) Phenanthrene-d10	11.44	188	491203	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	388083	20.00	ng	-0.02
87) Perylene-d12	15.59	264	487549	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	567358	74.05	ng	-0.02
7) Phenol-d6	6.52	99	471826	51.06	ng	-0.02
23) Nitrobenzene-d5	7.46	82	752109	84.27	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	408548	127.74	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1331002	79.05	ng	-0.02
79) Terphenyl-d14	13.04	244	1736179	81.76	ng	-0.02

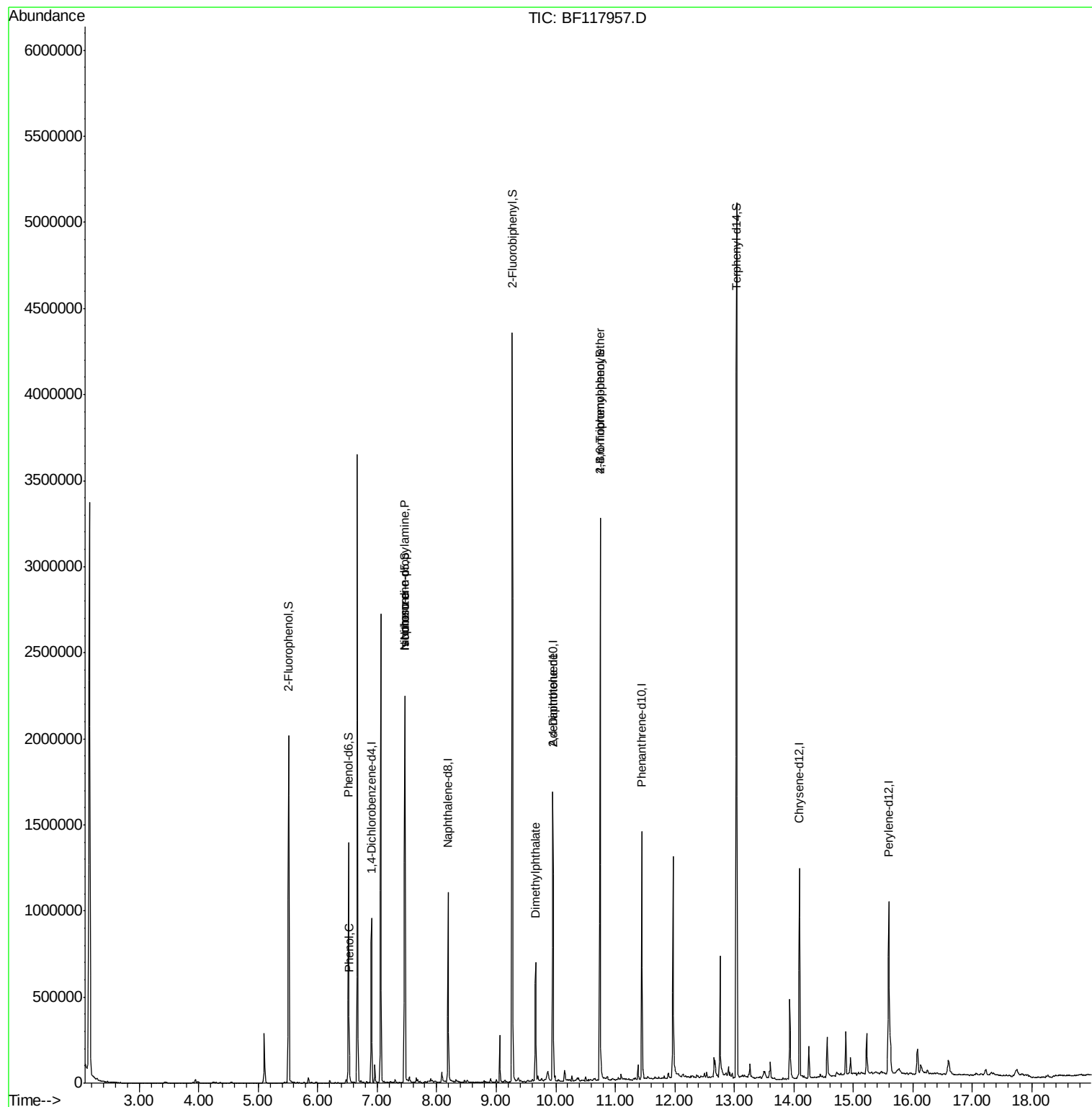
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	860	Below Cal		# 1
10) Phenol	6.53	94	36646	3.816	ng	93
19) n-Nitroso-di-n-propylamine	7.46	70	100610	17.648	ng	# 75
25) Isophorone	7.46	82	745527	45.577	ng	# 62
50) Dimethylphthalate	9.66	163	285858	13.494	ng	98
57) 2,4-Dinitrotoluene	9.95	165	38671	6.566	ng	# 26
67) 4-Bromophenyl-phenylether	10.75	248	25096	4.735	ng	# 1
75) Fluoranthene	12.66	202	4066	Below Cal		93

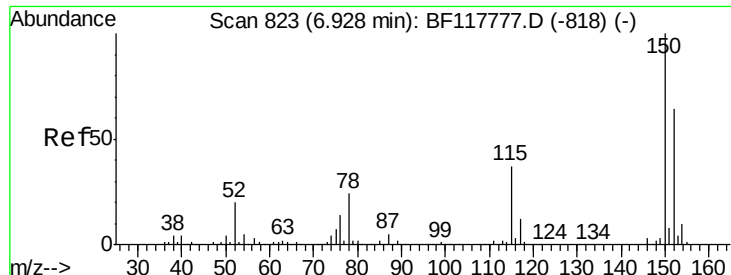
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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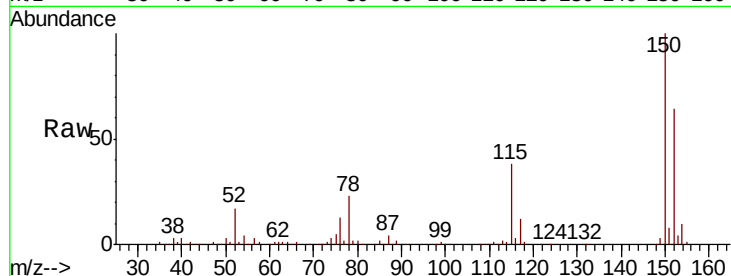


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	58.7	47.0	70.4

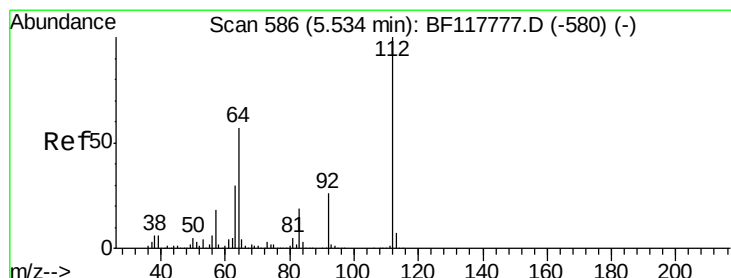
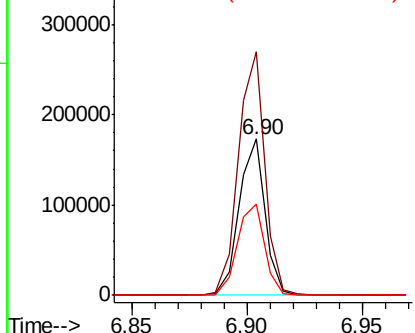
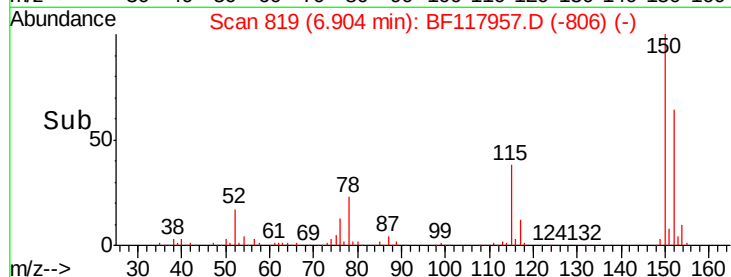


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

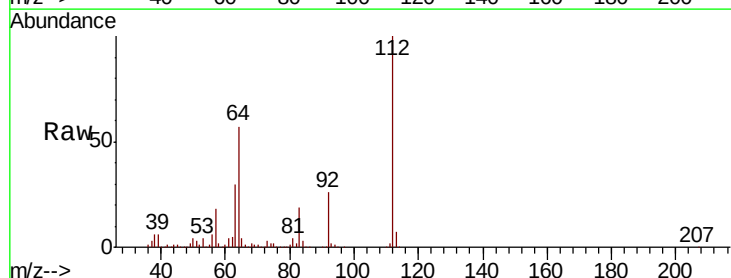
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.053 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.6	68.4
63	30.5	24.1	36.1

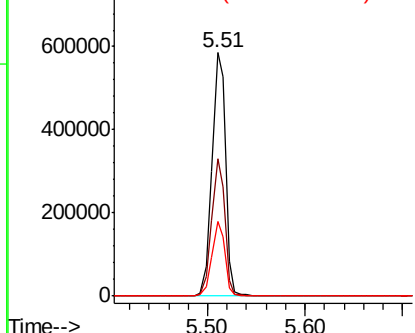
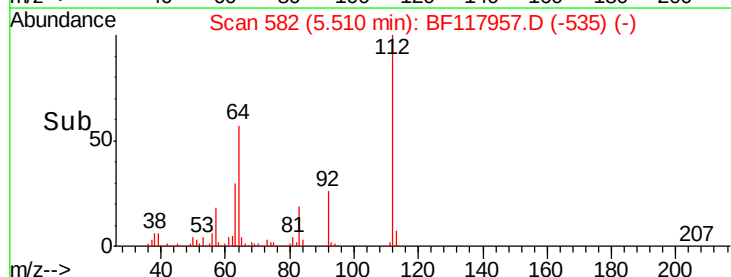


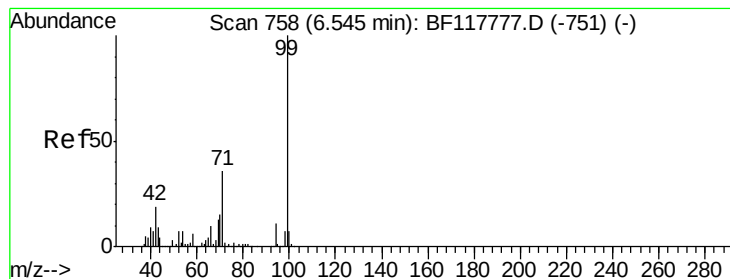
Abundance

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: 51.058 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

Instrument :

BNA_F

ClientSampleId :

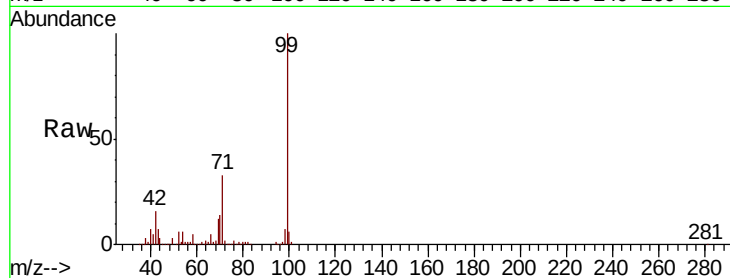
Tot Ion: 99 Resp: 471826

Ion Ratio Lower Upper

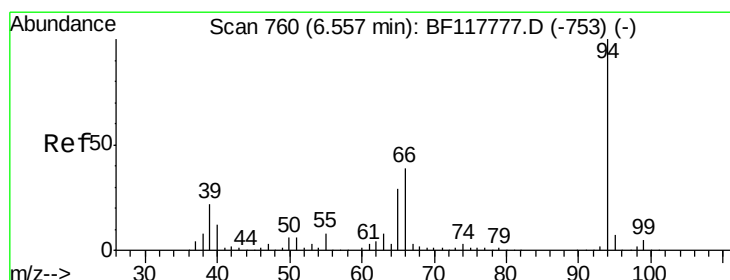
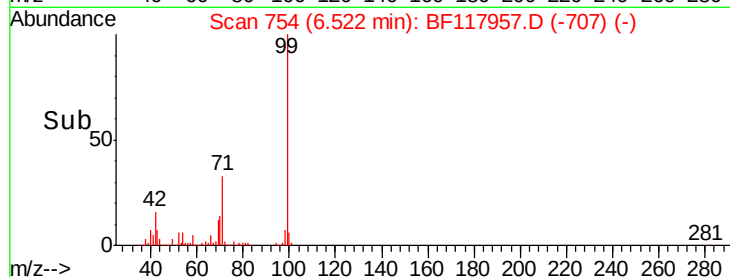
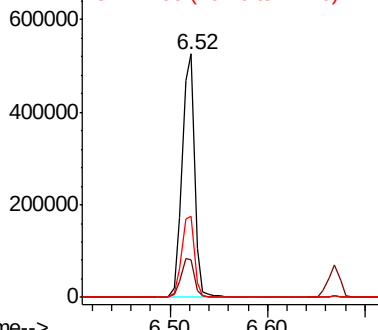
99 100

42 15.6 14.9 22.3

71 33.0 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



#10

Phenol

Concen: 3.816 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

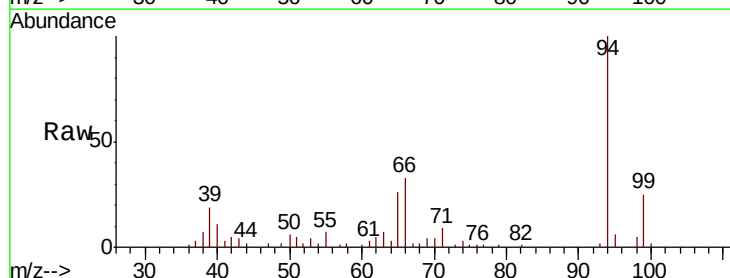
Tgt Ion: 94 Resp: 36646

Ion Ratio Lower Upper

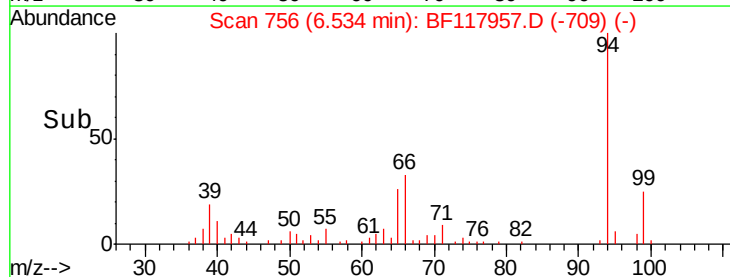
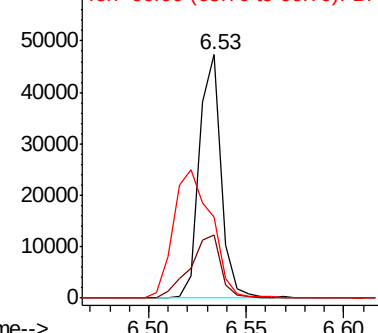
94 100

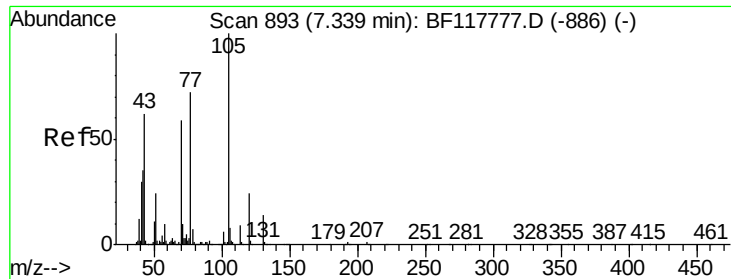
65 25.9 8.9 48.9

66 33.4 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

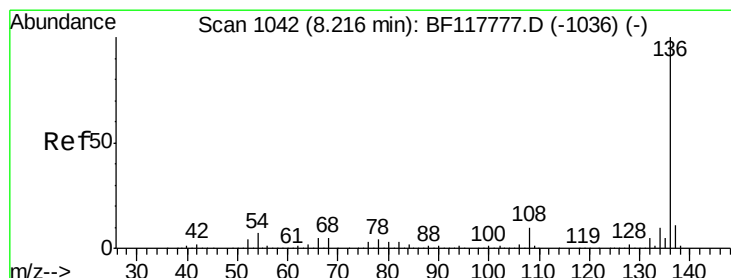
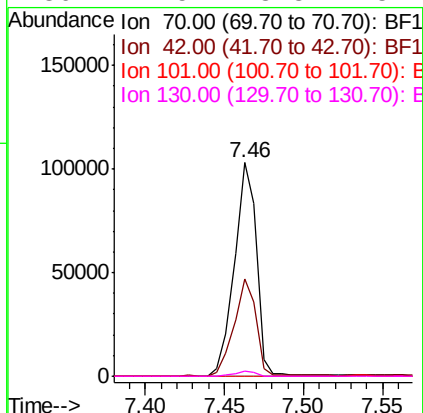
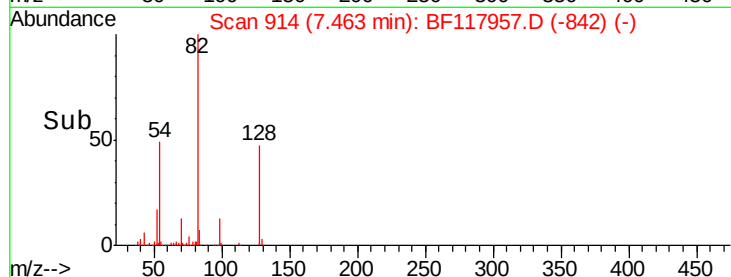
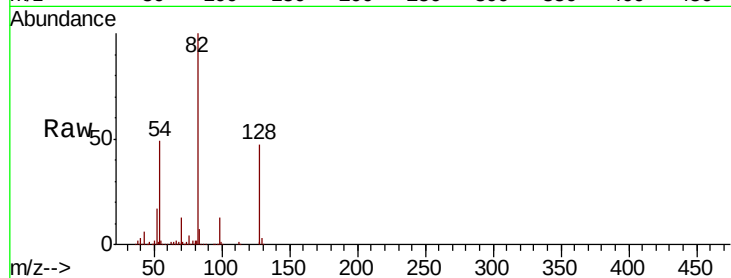




#19
n-Nitroso-di-n-propylamine
Concen: 17.648 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.12 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

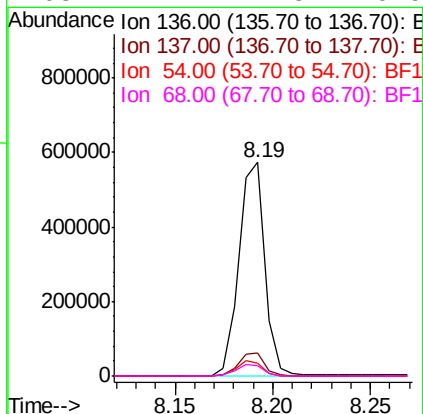
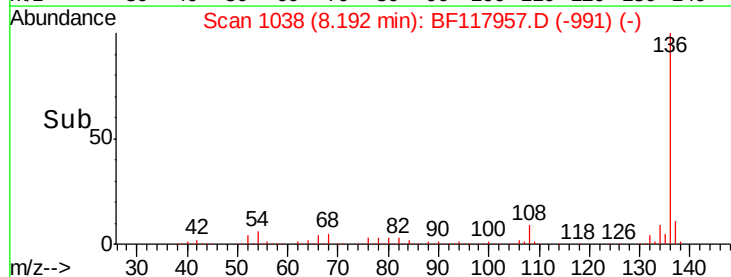
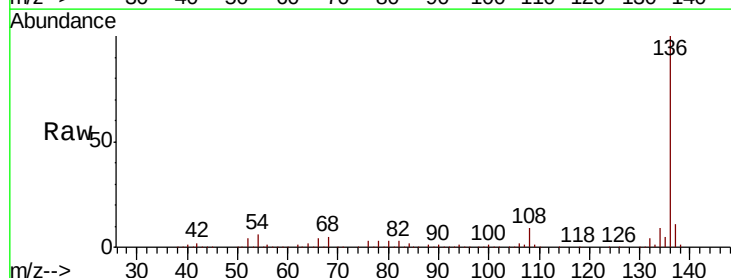
Instrument :
BNA_F
ClientSampleId :

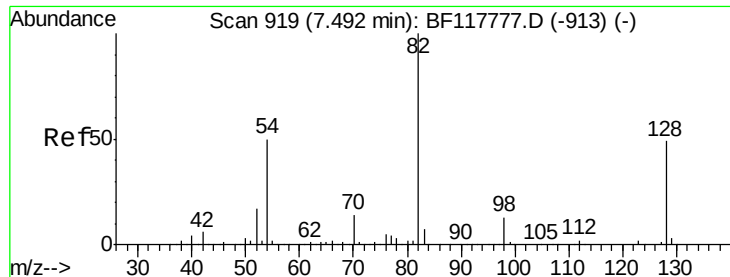
Tot Ion: 70 Resp: 100610
Ion Ratio Lower Upper
70 100
42 45.7 47.4 71.2#
101 0.0 8.4 12.6#
130 2.5 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion: 136 Resp: 530538
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.1 5.4 8.2
68 4.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.273 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

Instrument :

BNA_F

ClientSampleId :

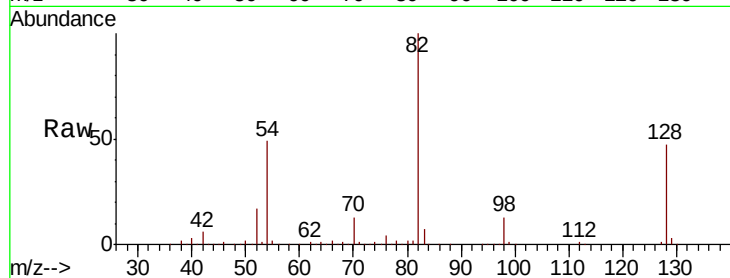
Tot Ion: 82 Resp: 752109

Ion Ratio Lower Upper

82 100

128 46.8 38.9 58.3

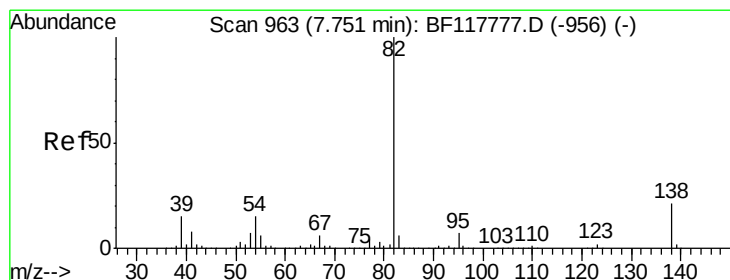
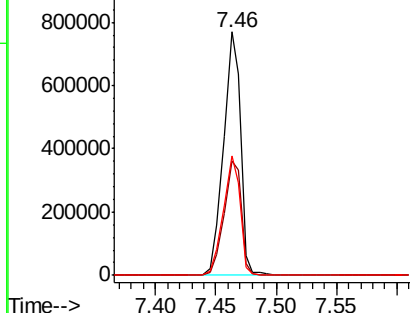
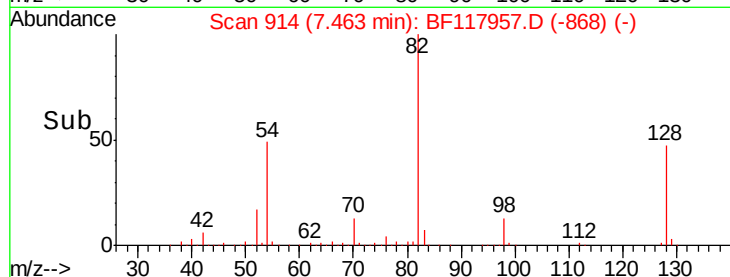
54 49.3 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 45.577 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.29 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

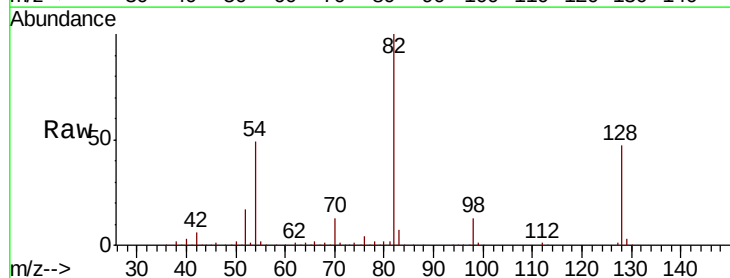
Tgt Ion: 82 Resp: 745527

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

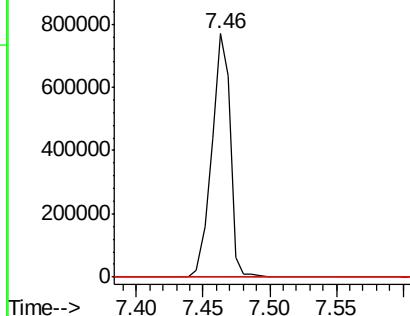
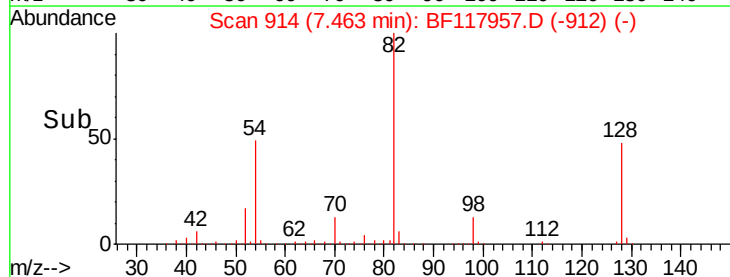
138 0.0 16.5 24.7#

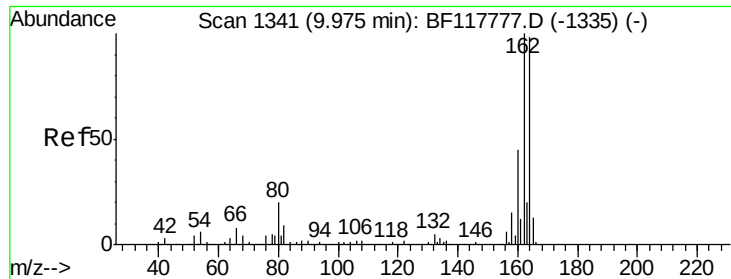


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

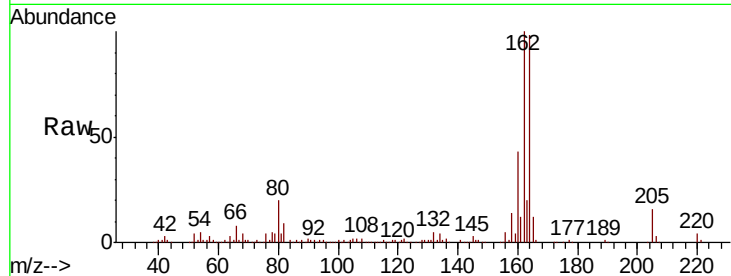




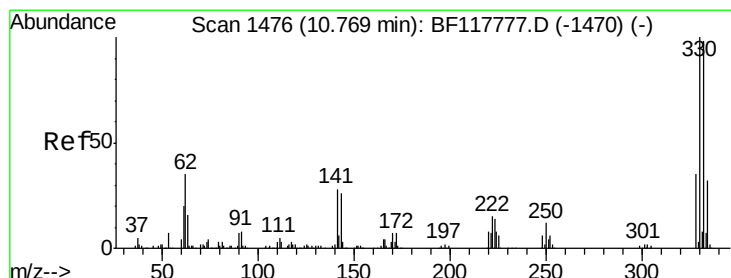
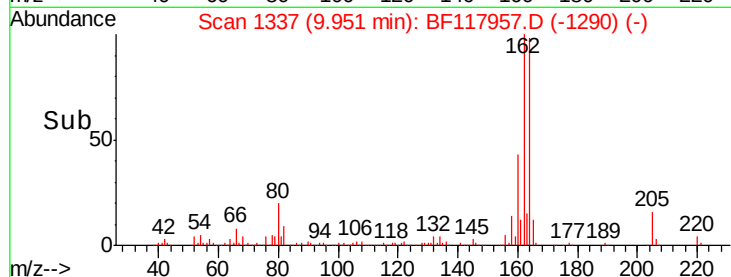
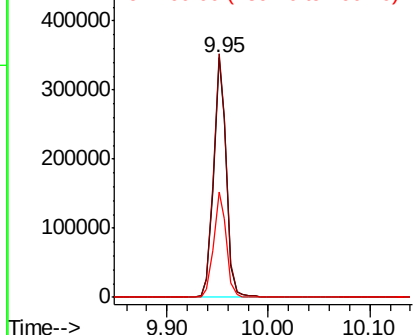
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 302088
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 44.1 36.6 55.0

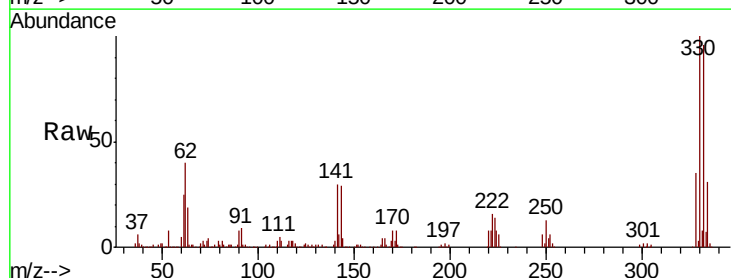


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

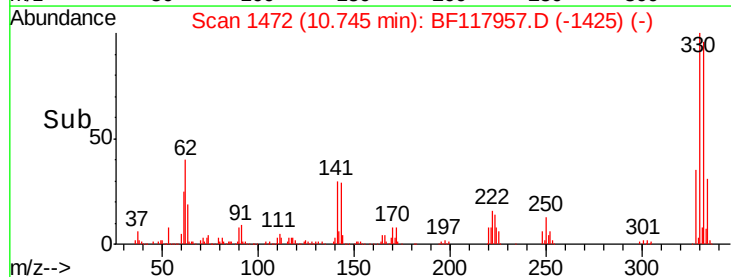
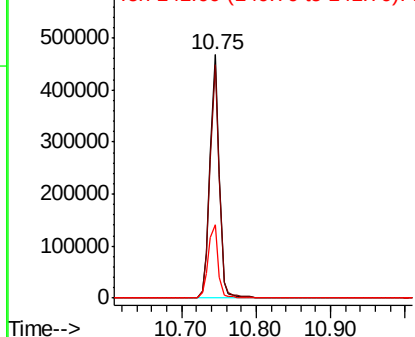


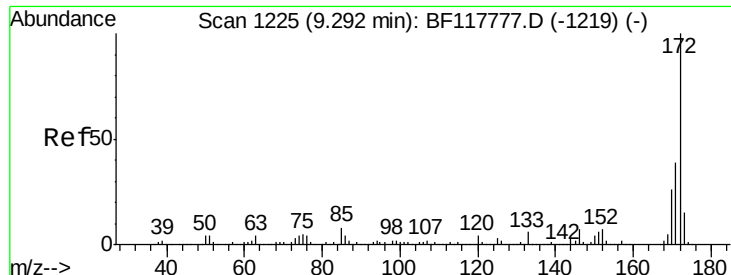
#42
2,4,6-Tribromophenol
Concen: 127.744 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:330 Resp: 408548
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 32.4 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

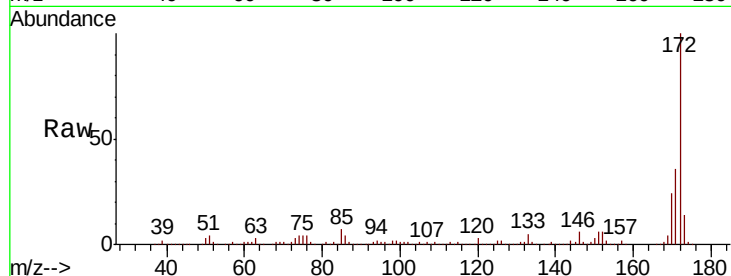




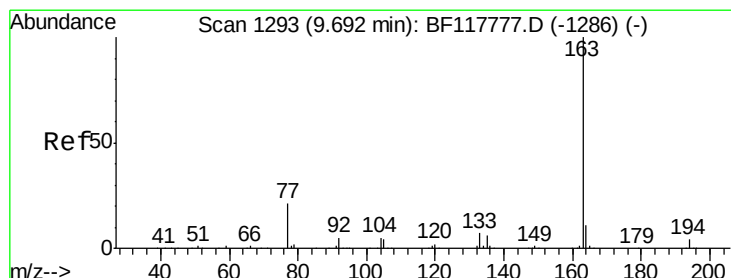
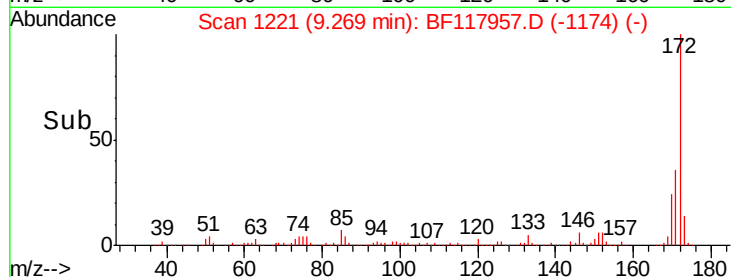
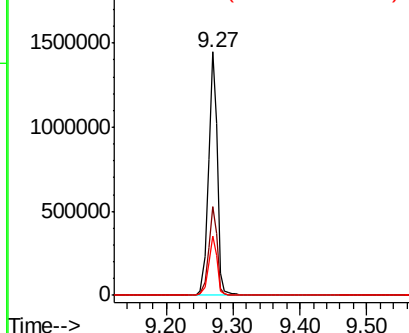
#45
2-Fluorobiphenyl
Concen: 79.045 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1331002
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.2 21.0 31.4

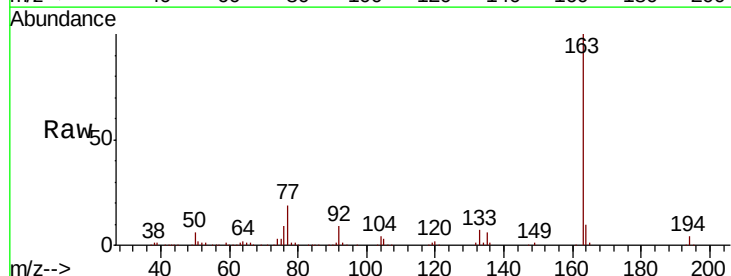


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

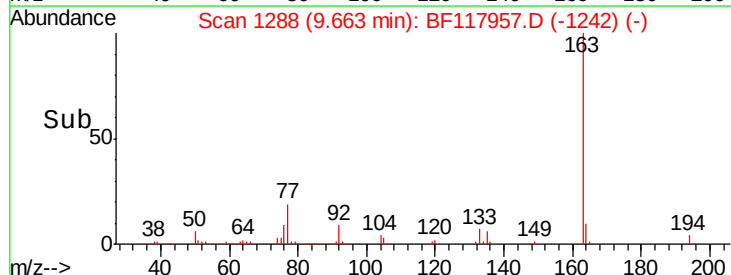
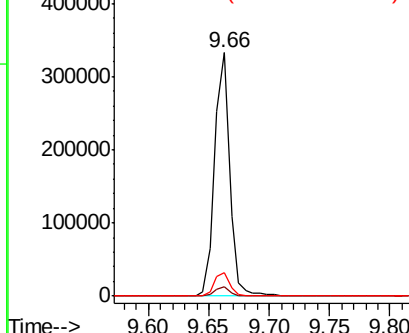


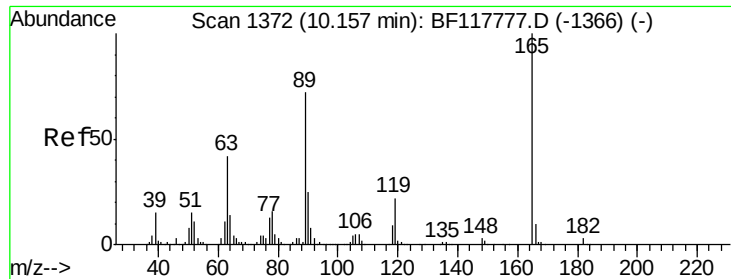
#50
Dimethylphthalate
Concen: 13.494 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:163 Resp: 285858
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
400000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

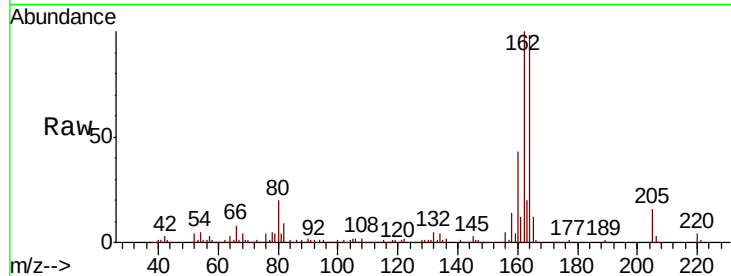




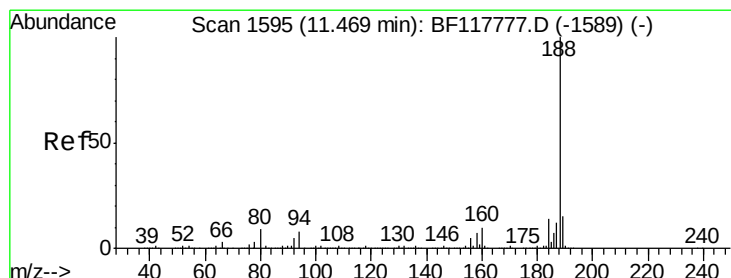
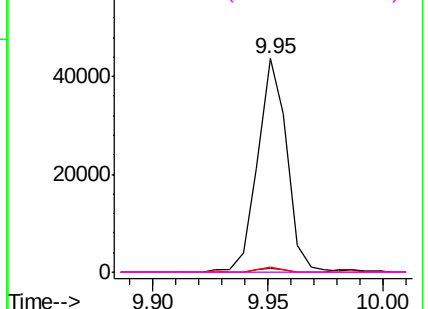
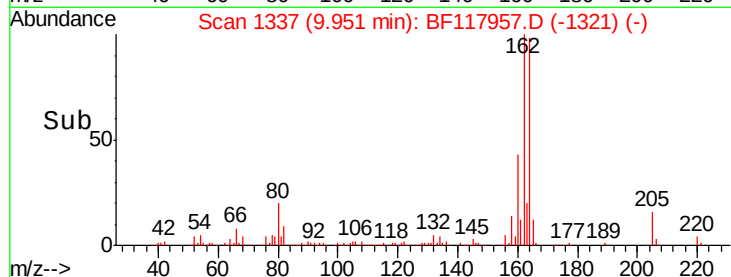
#57
 2,4-Dinitrotoluene
 Concen: 6.566 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.21 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 38671
 Ion Ratio Lower Upper
 165 100
 63 2.0 33.7 50.5#
 89 2.5 57.3 85.9#
 182 0.0 2.3 3.5#

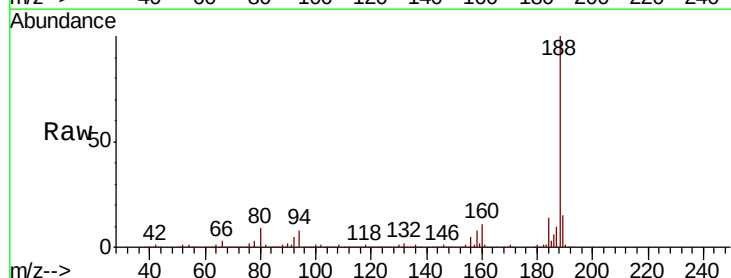


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

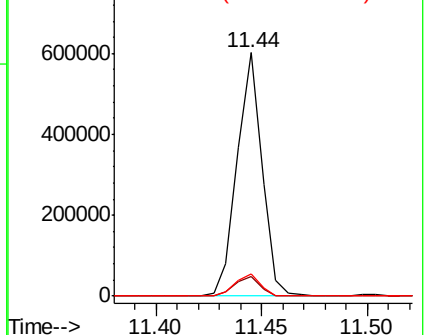
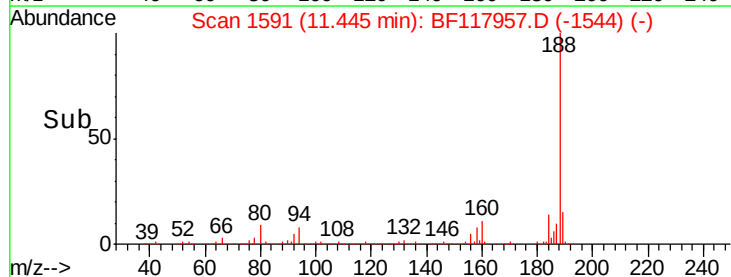


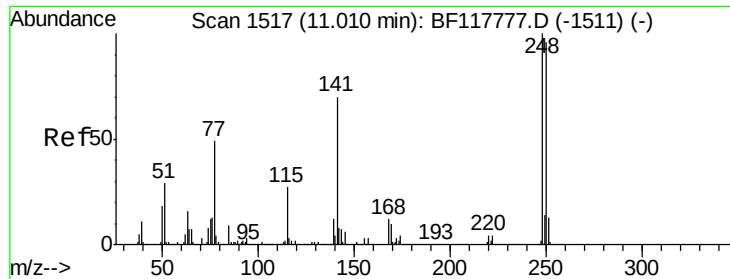
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.02 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Tgt Ion:188 Resp: 491203
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.6 10.0
 80 8.9 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

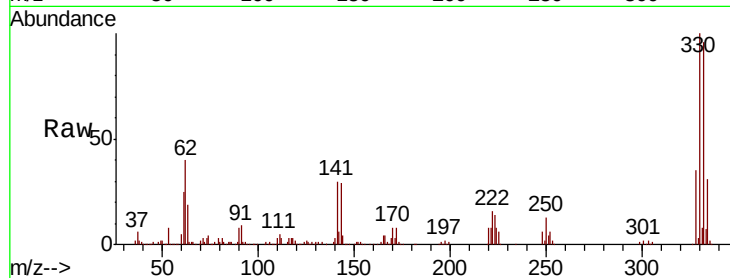




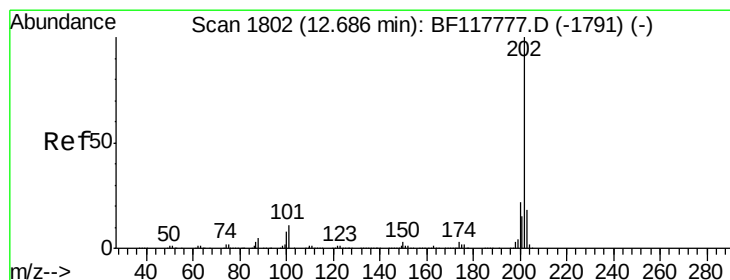
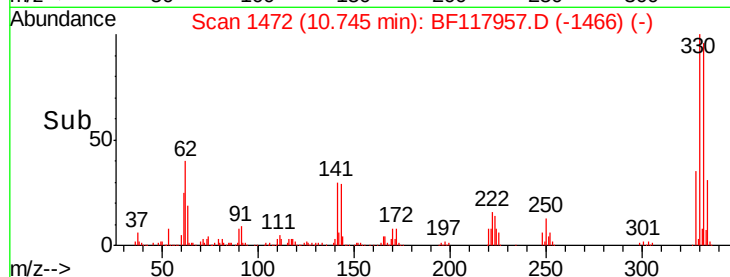
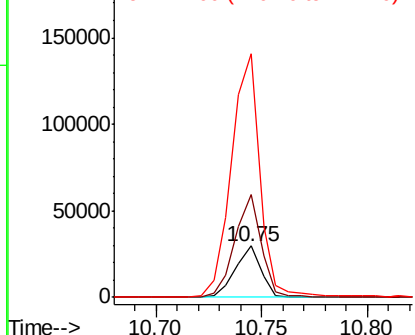
#67
4-Bromophenyl-phenylether
Concen: 4.735 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.26 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25096
Ion Ratio Lower Upper
248 100
250 201.1 76.6 115.0#
141 476.1 55.9 83.9#

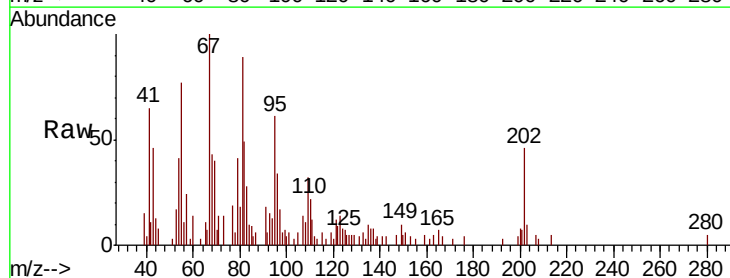


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

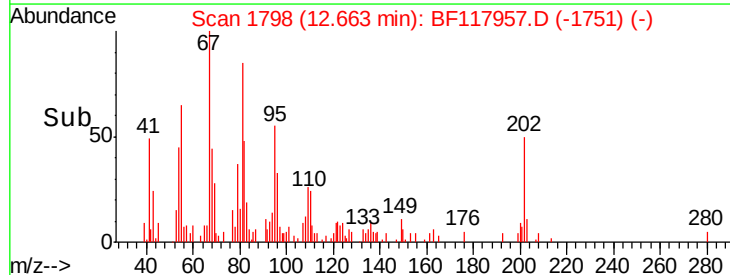
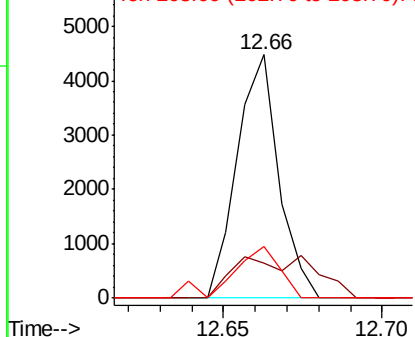


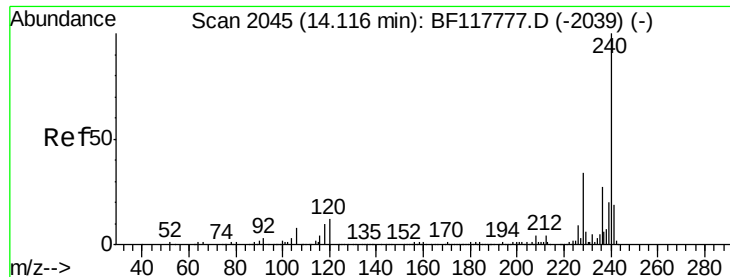
#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:202 Resp: 4066
Ion Ratio Lower Upper
202 100
101 14.2 0.0 31.1
203 21.2 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

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

Instrument :

BNA_F

ClientSampleId :

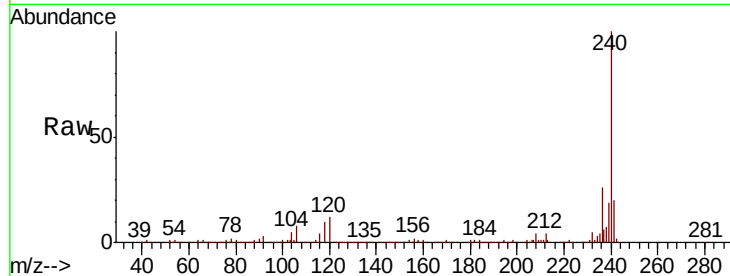
Tot Ion:240 Resp: 388083

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

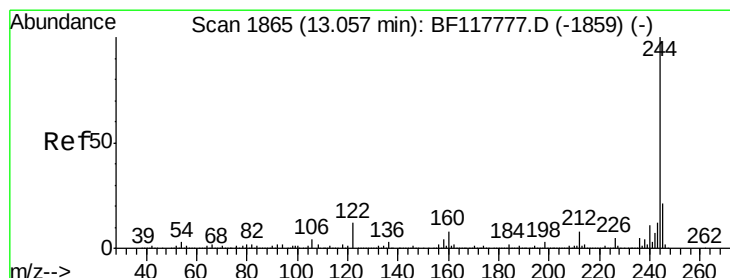
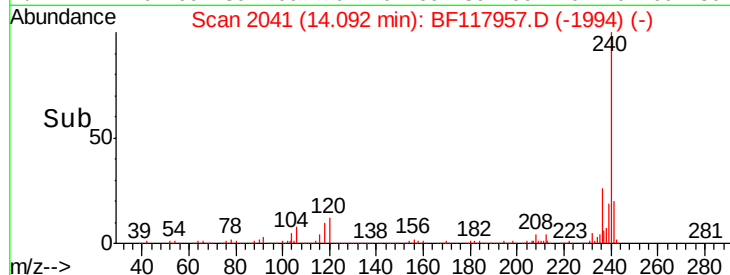
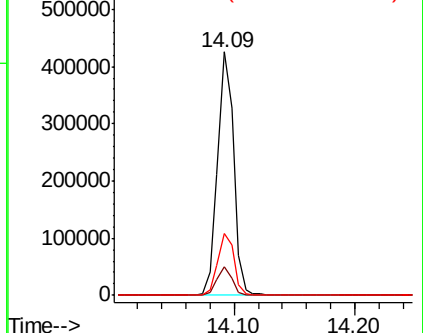
236 25.6 21.3 31.9



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: 81.762 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117957.D

Acq: 23 Nov 2019 15:33

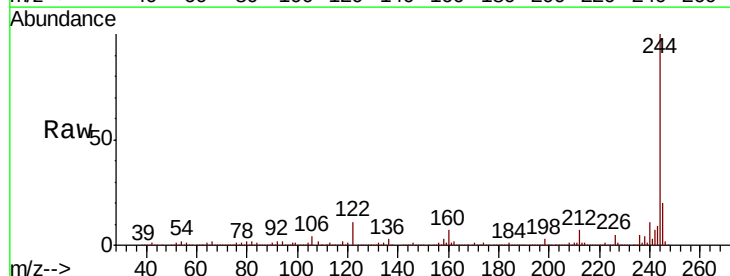
Tgt Ion:244 Resp: 1736179

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

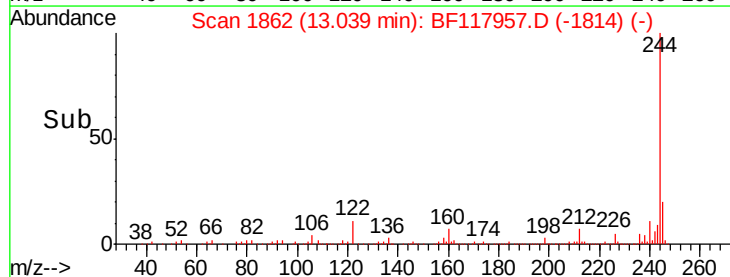
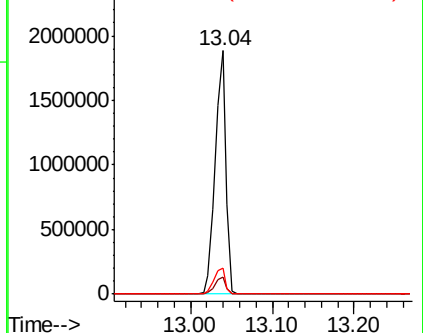
122 10.7 9.4 14.2

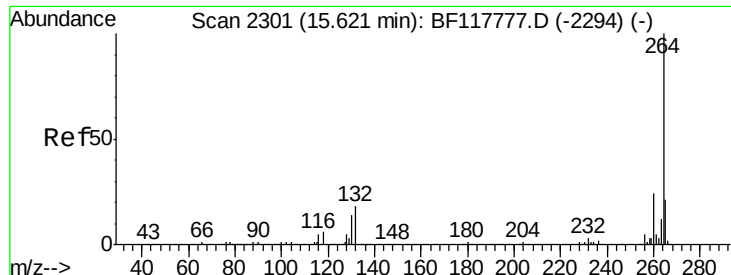


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 2296
 Delta R.T. -0.03 min
 Lab File: BF117957.D
 Acq: 23 Nov 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.7	17.1	25.7

