

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112019\
 Data File : BF117899.D
 Acq On : 20 Nov 2019 18:00
 Operator : JU
 Sample : K5932-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 03:07:43 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	6.92	152	184875	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	726297	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	372072	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	645556	20.00	ng	-0.01
76) Chrysene-d12	0.00	240	0	0.00	ng	-14.12
87) Perylene-d12	0.00	264	0	0.00	ng	-15.62

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1021908	97.84	ng	0.00
7) Phenol-d6	6.54	99	1313282	104.25	ng	0.00
23) Nitrobenzene-d5	7.48	82	814419	66.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	379953	96.46	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1513062	72.96	ng	-0.01
79) Terphenyl-d14	0.00	244	0	0.00	ng	

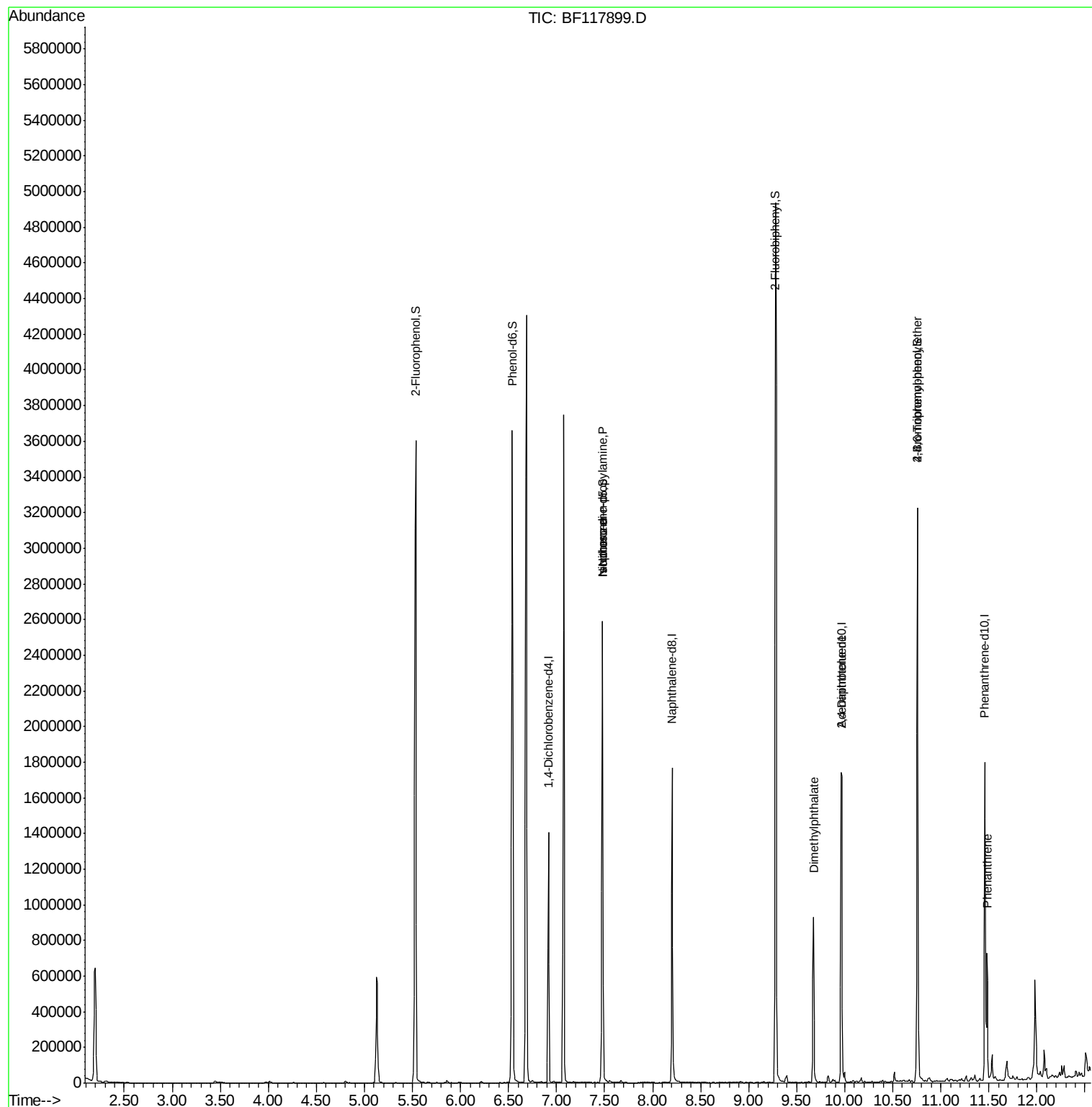
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.54	77	2347	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	111487	14.345	ng	# 75
25) Isophorone	7.48	82	811451	36.236	ng	# 62
50) Dimethylphthalate	9.67	163	337929	12.952	ng	# 98
57) 2,4-Dinitrotoluene	9.96	165	47182	6.505	ng	# 25
67) 4-Bromophenyl-phenylether	10.76	248	24451	3.510	ng	# 1
71) Phenanthrene	11.48	178	253319	7.805	ng	# 97
75) Fluoranthene	12.51	202	2499	Below Cal	#	1

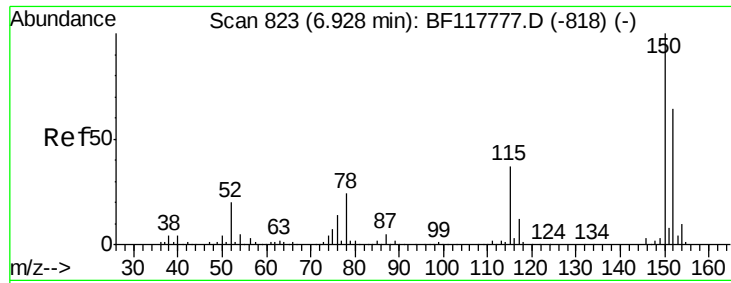
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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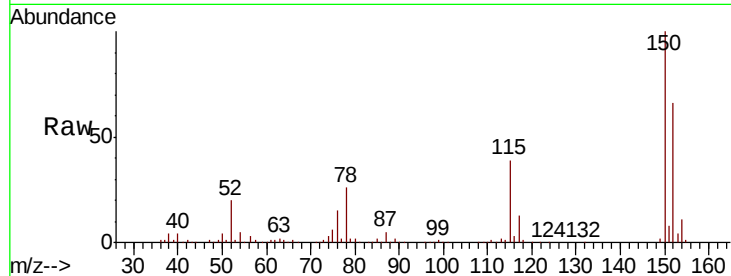


#1

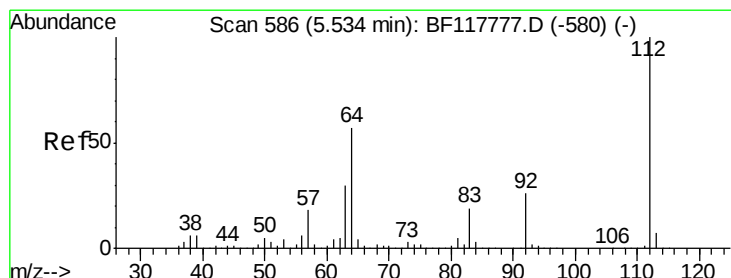
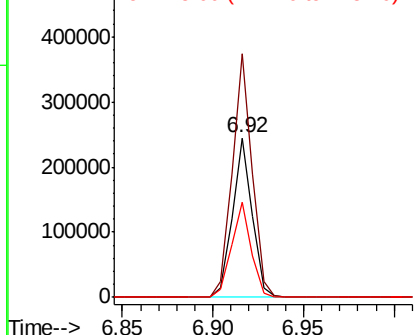
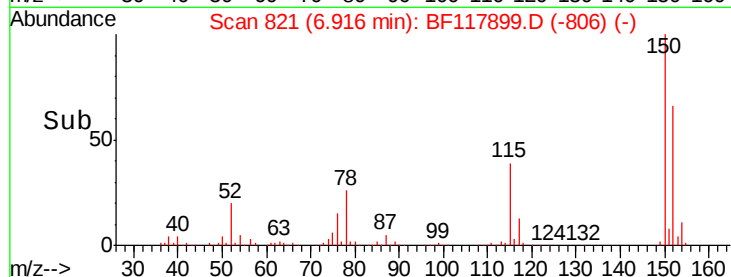
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184875
Ion Ratio Lower Upper
152 100
150 152.4 125.3 187.9
115 59.6 47.0 70.4



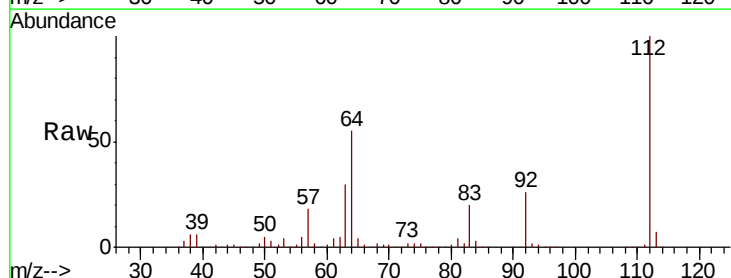
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



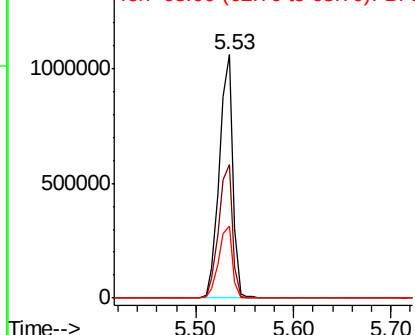
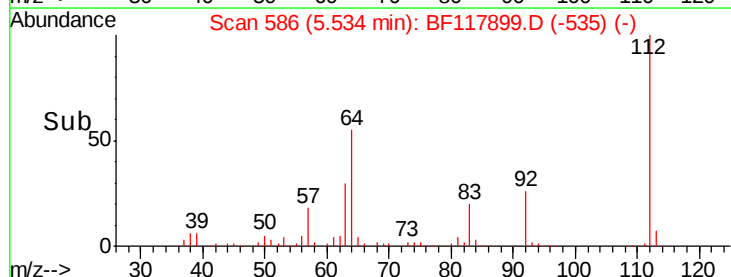
#5

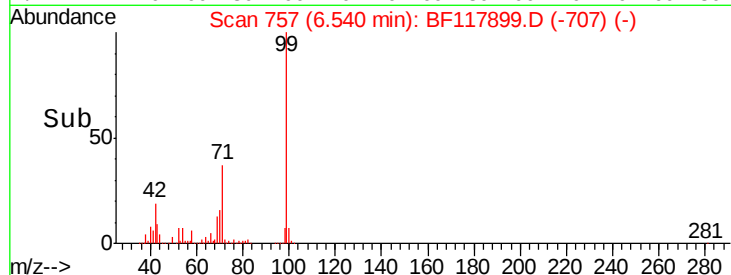
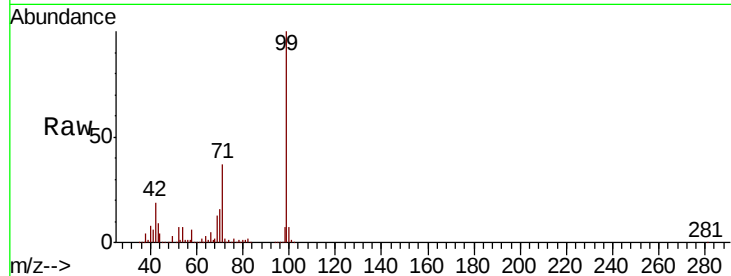
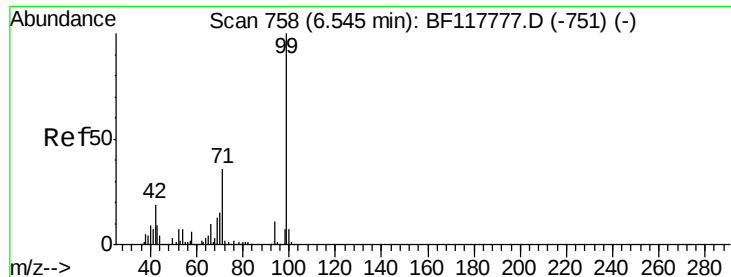
2-Fluorophenol
Concen: 97.844 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Tgt Ion:112 Resp: 1021908
Ion Ratio Lower Upper
112 100
64 54.7 45.6 68.4
63 29.7 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: 104.249 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117899.D

Acq: 20 Nov 2019 18:00

Instrument :

BNA_F

ClientSampleId :

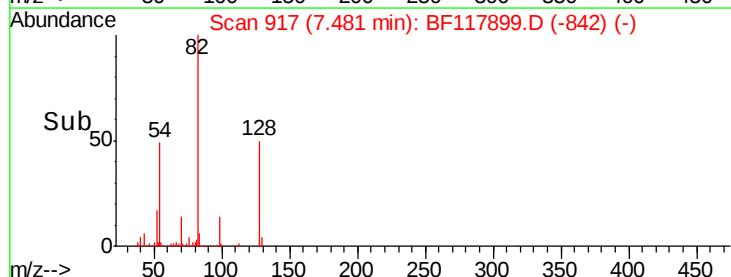
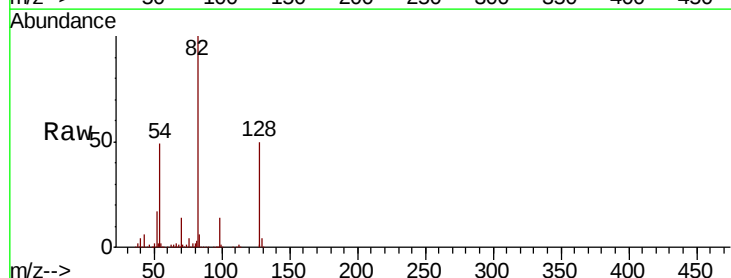
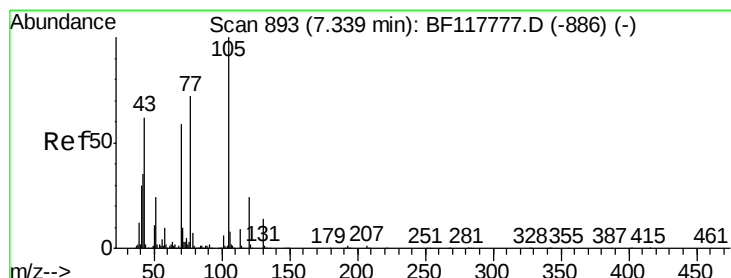
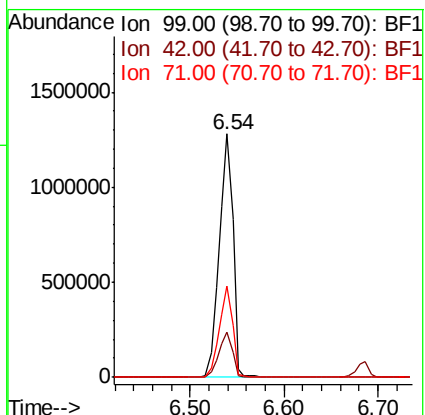
Tot Ion: 99 Resp: 1313282

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 37.4 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.345 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.14 min

Lab File: BF117899.D

Acq: 20 Nov 2019 18:00

Tgt Ion: 70 Resp: 111487

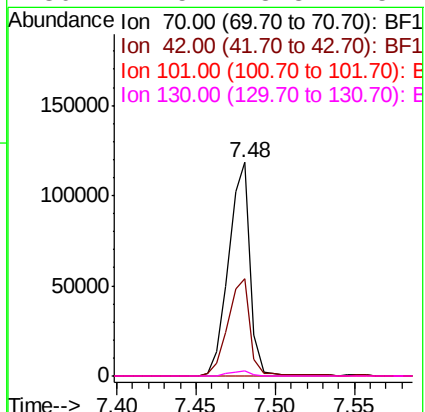
Ion Ratio Lower Upper

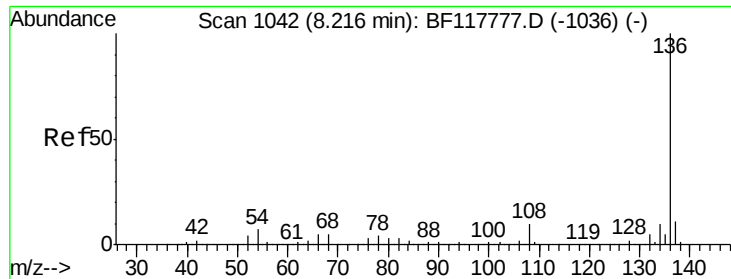
70 100

42 45.7 47.4 71.2#

101 0.0 8.4 12.6#

130 2.5 18.8 28.2#

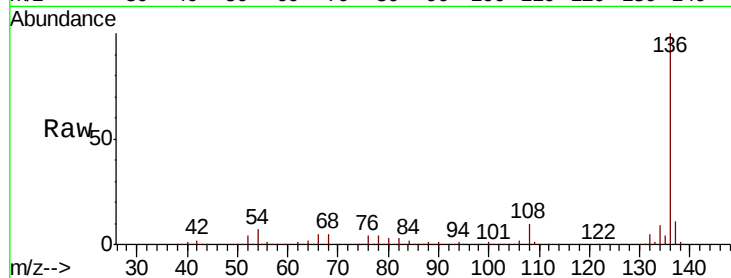




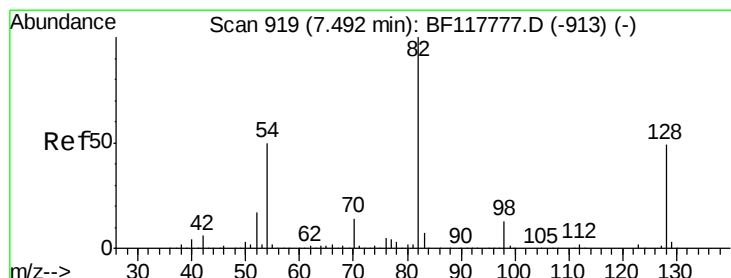
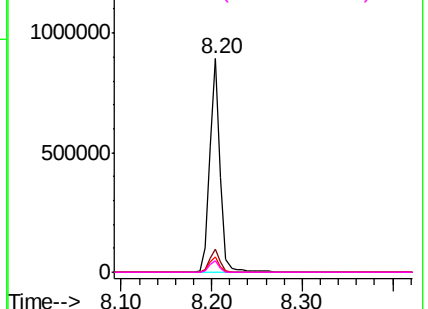
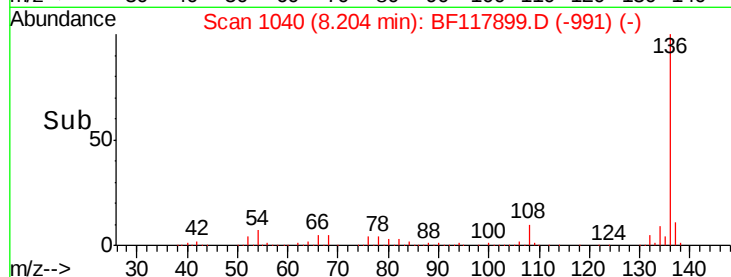
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	726297
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	7.0	5.4 8.2
68	5.3	4.3 6.5

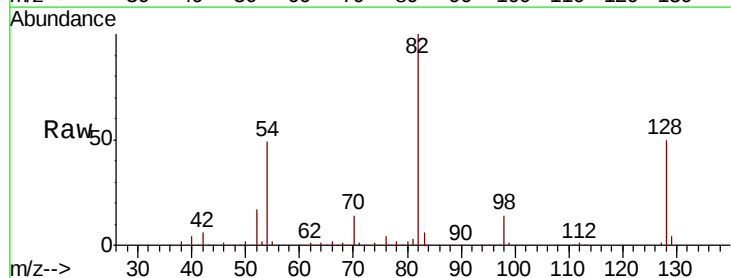


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

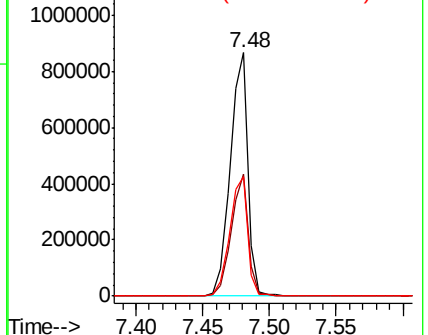
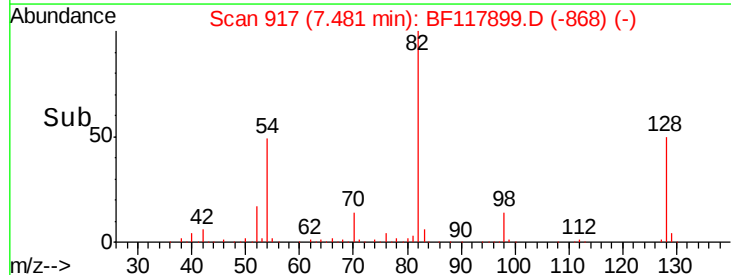


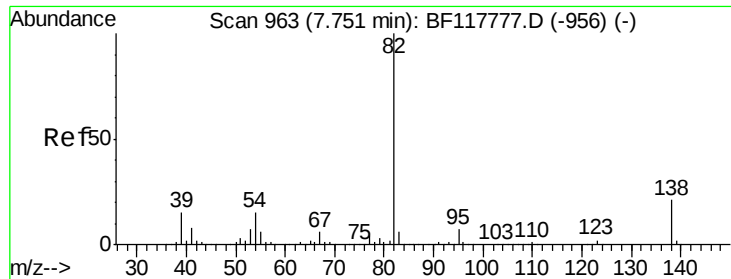
#23
Nitrobenzene-d5
Concen: 66.658 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Tgt Ion: 82	Resp:	814419
Ion Ratio	Lower	Upper
82	100	
128	49.9	38.9 58.3
54	49.0	39.8 59.6



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

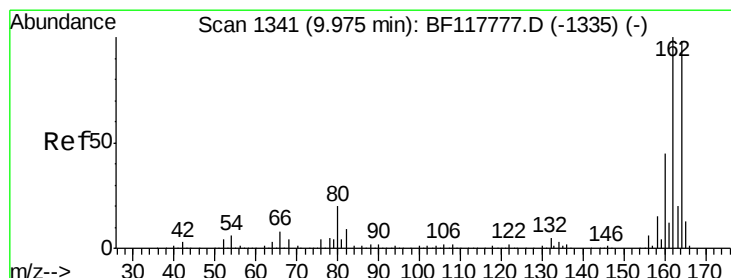
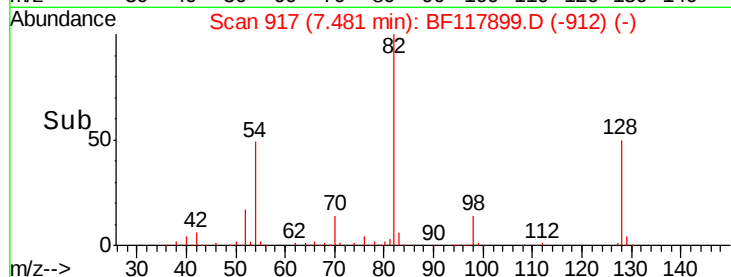
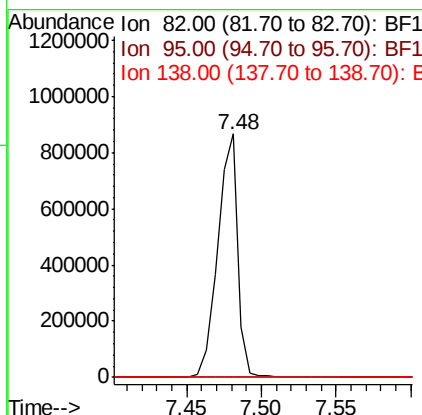
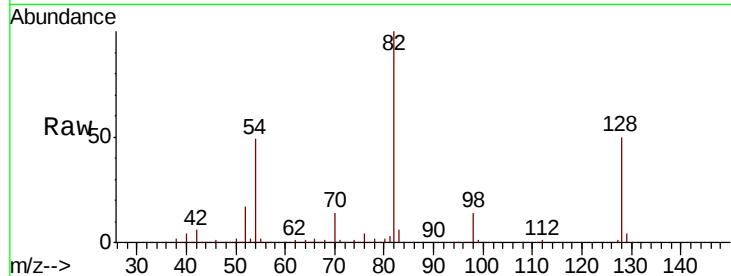




#25
Isophorone
Concen: 36.236 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

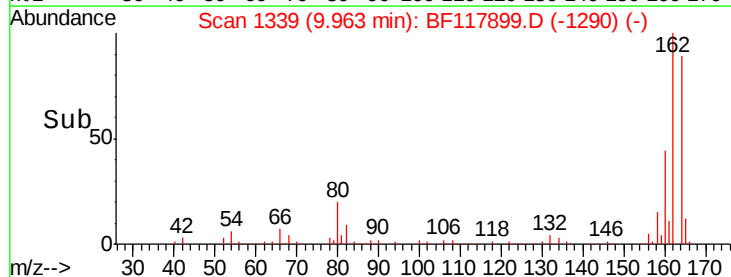
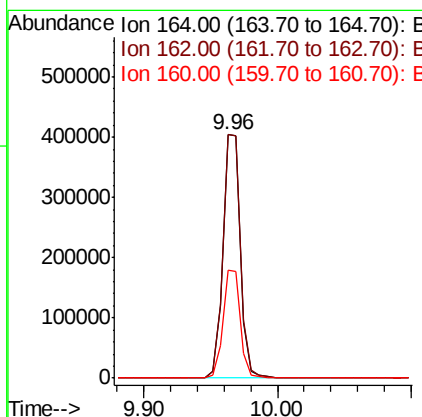
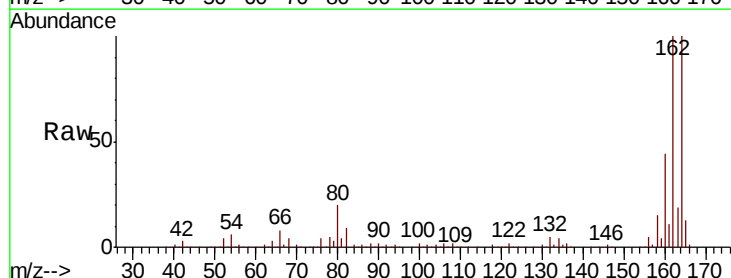
Instrument :
BNA_F
ClientSampleId :

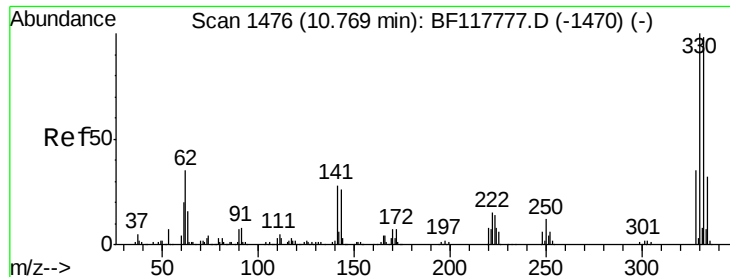
Tot Ion: 82 Resp: 811451
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Tgt Ion: 164 Resp: 372072
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 44.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 96.457 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117899.D

Acq: 20 Nov 2019 18:00

Instrument :

BNA_F

ClientSampled :

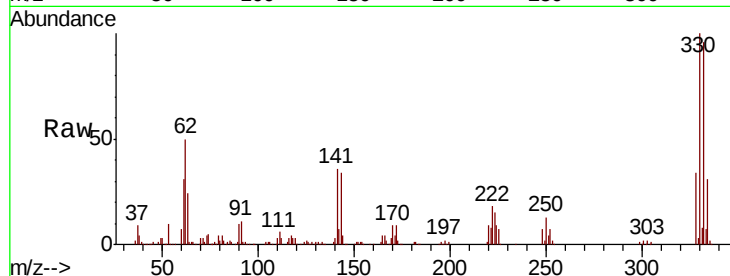
Tot Ion:330 Resp: 379953

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

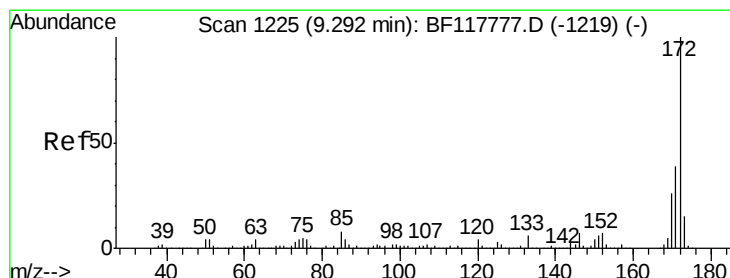
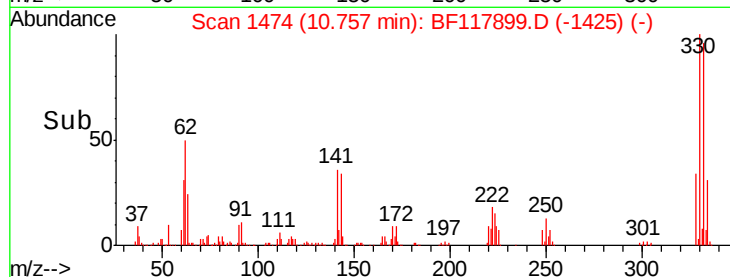
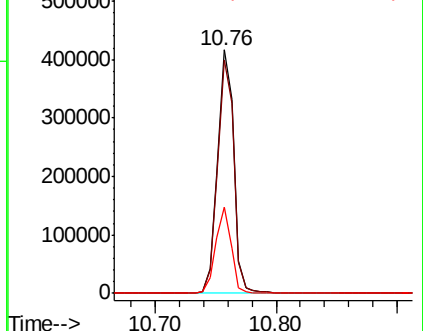
141 34.2 27.7 41.5



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: 72.956 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117899.D

Acq: 20 Nov 2019 18:00

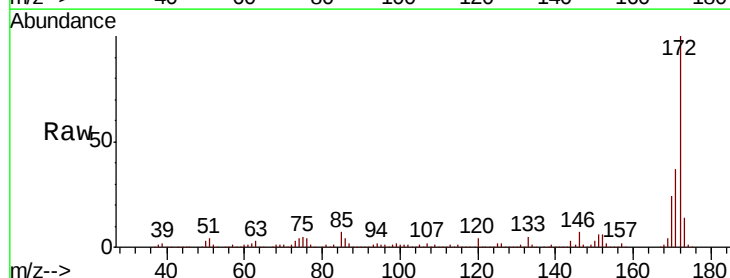
Tgt Ion:172 Resp: 1513062

Ion Ratio Lower Upper

172 100

171 36.7 30.9 46.3

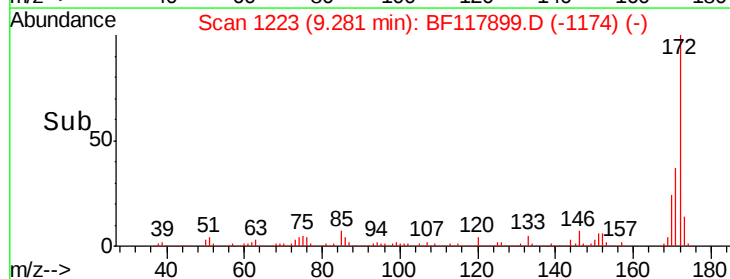
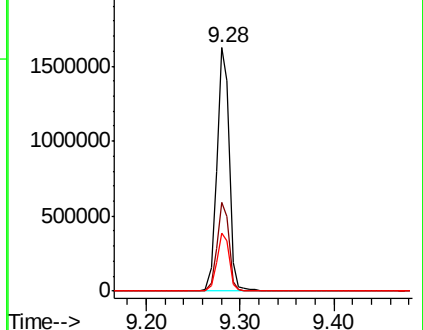
170 24.1 21.0 31.4

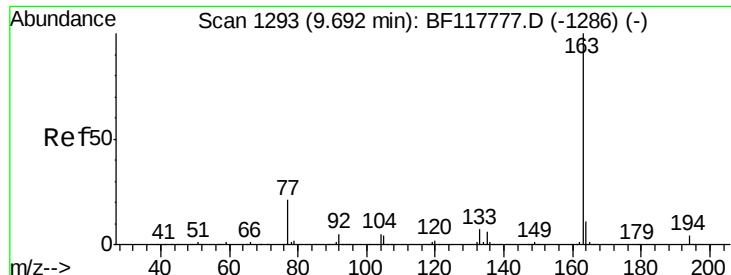


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

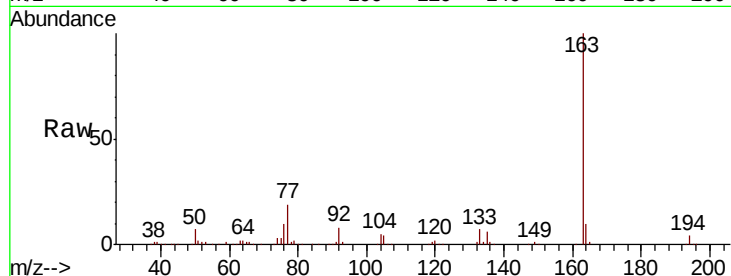




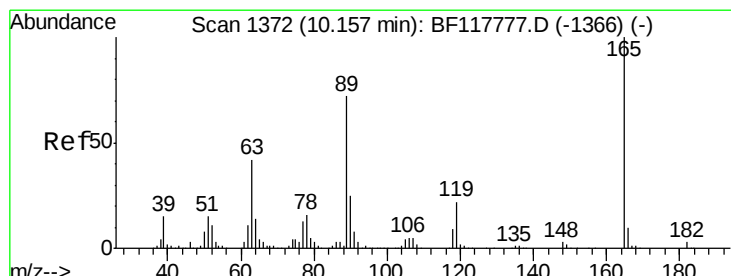
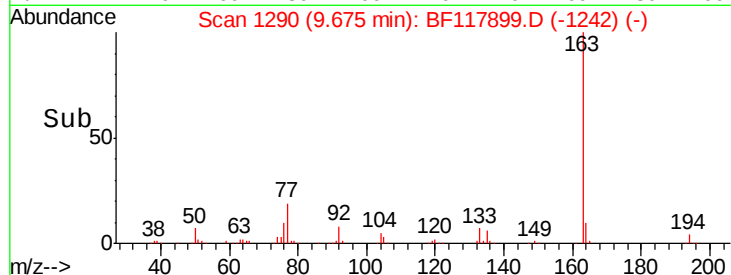
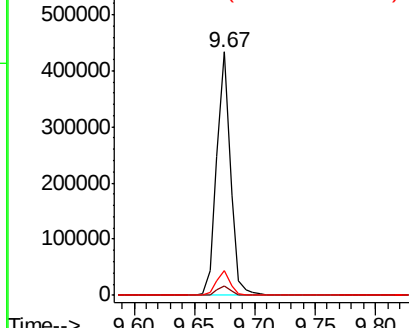
#50
Dimethylphthalate
Concen: 12.952 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 337929
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.7 13.1

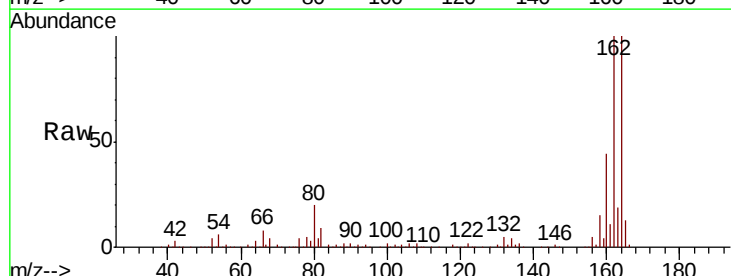


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

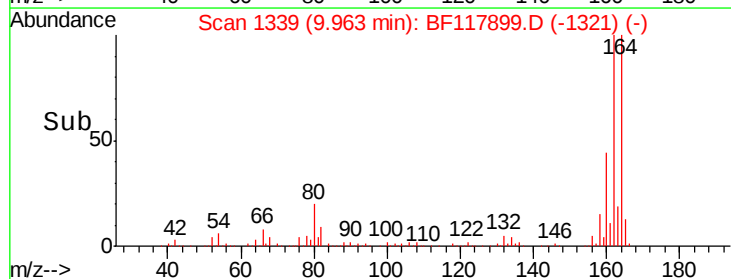
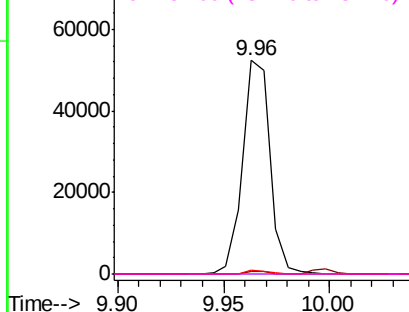


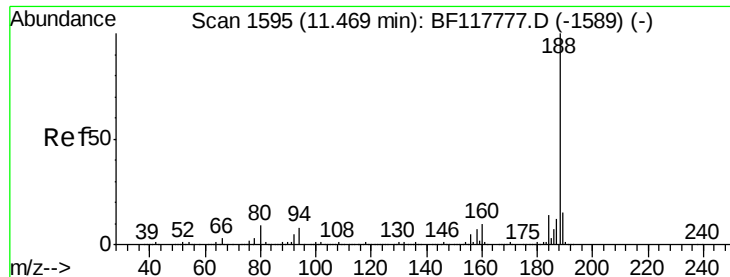
#57
2,4-Dinitrotoluene
Concen: 6.505 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Tgt Ion:165 Resp: 47182
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 2.0 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

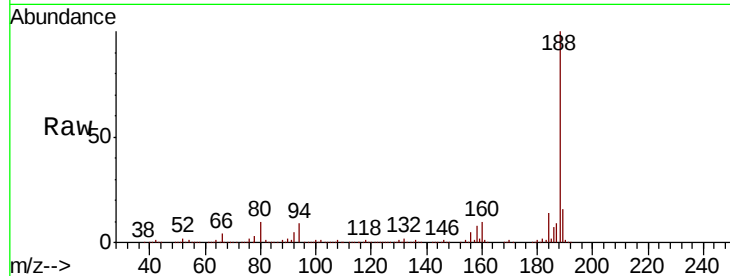




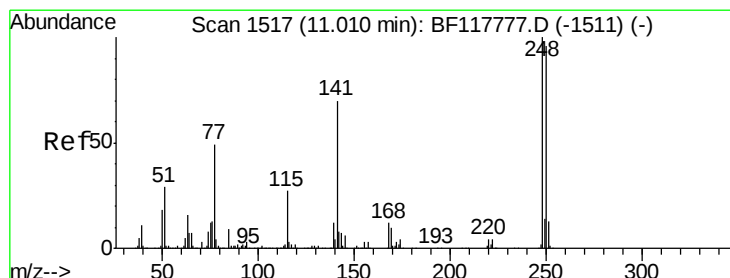
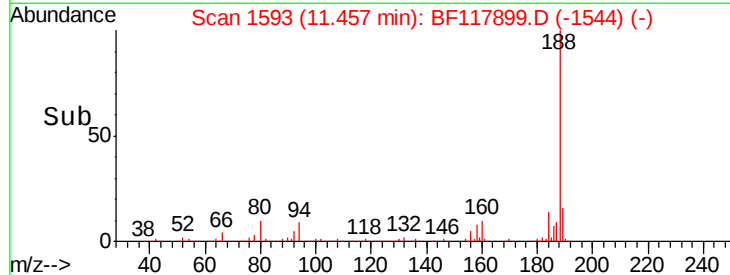
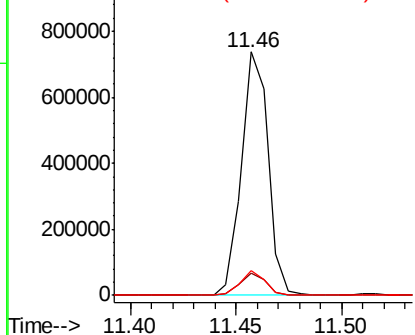
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 645556
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 10.0 7.2 10.8

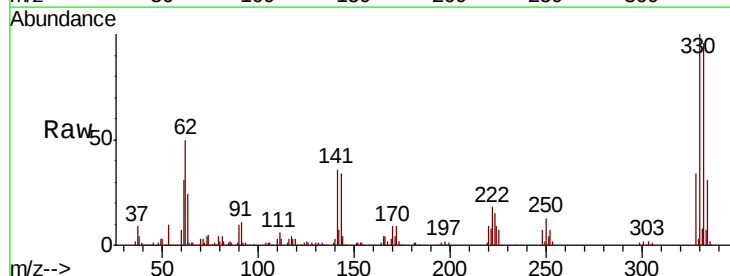


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

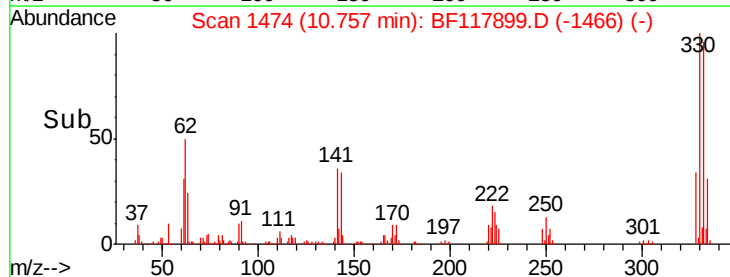
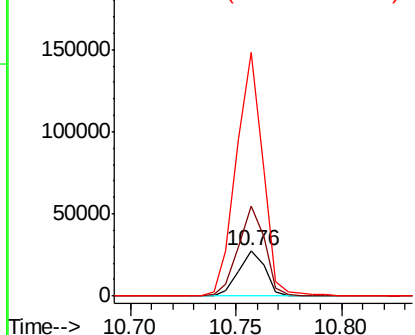


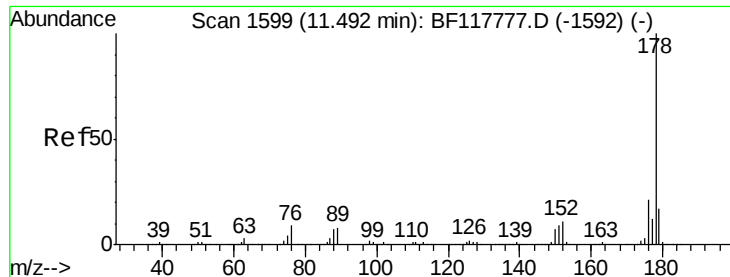
#67
4-Bromophenyl-phenylether
Concen: 3.510 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Tgt Ion:248 Resp: 24451
Ion Ratio Lower Upper
248 100
250 199.3 76.6 115.0#
141 538.8 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





#71

Phenanthrene

Concen: 7.805 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF117899.D

Acq: 20 Nov 2019 18:00

Instrument :

BNA_F

ClientSampleId :

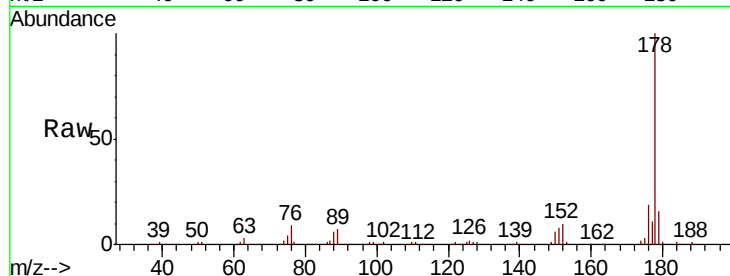
Tot Ion:178 Resp: 253319

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

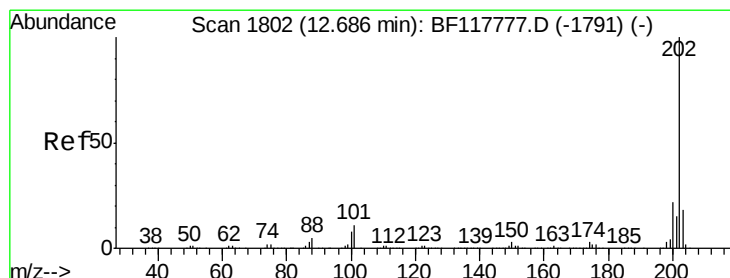
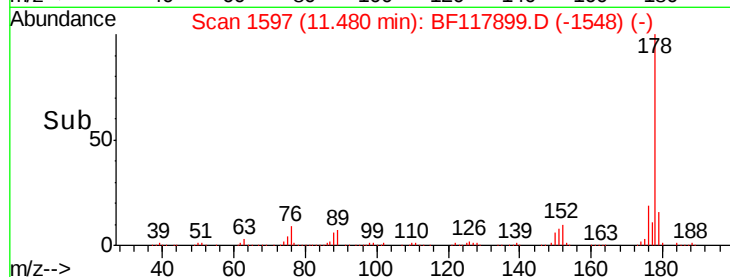
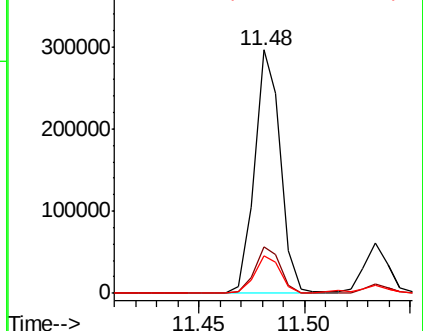
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: Below Cal

RT: 12.51 min Scan# 1772

Delta R.T. -0.18 min

Lab File: BF117899.D

Acq: 20 Nov 2019 18:00

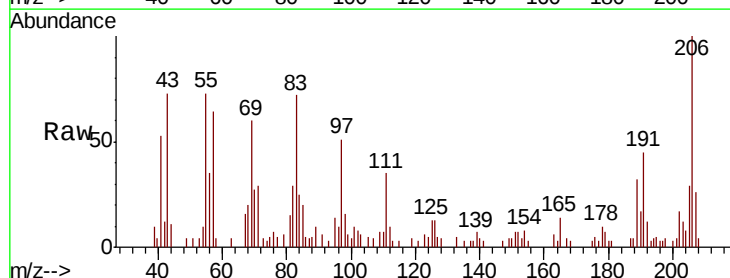
Tgt Ion:202 Resp: 2499

Ion Ratio Lower Upper

202 100

101 56.3 0.0 31.1#

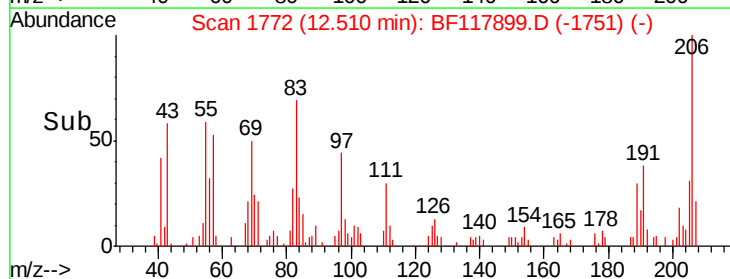
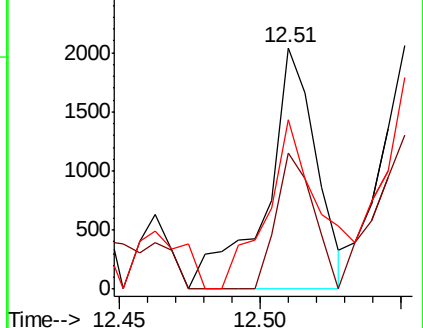
203 70.0 0.0 38.2#

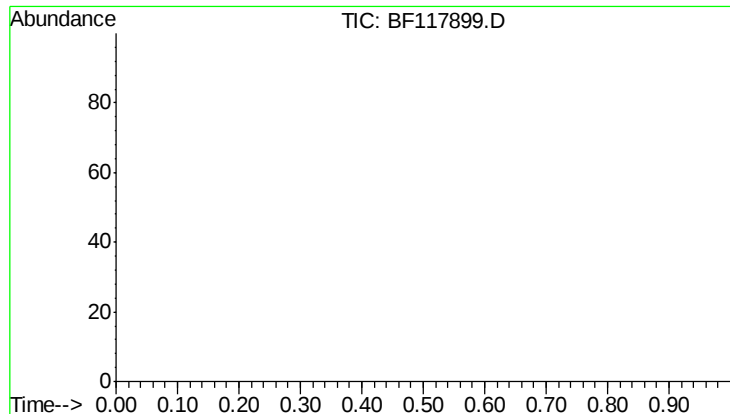


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

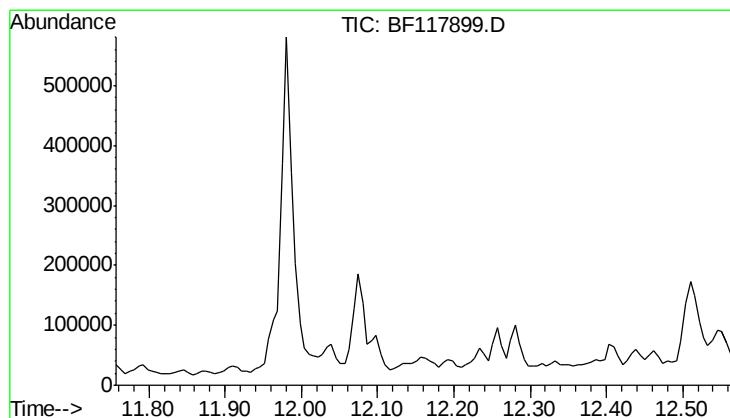
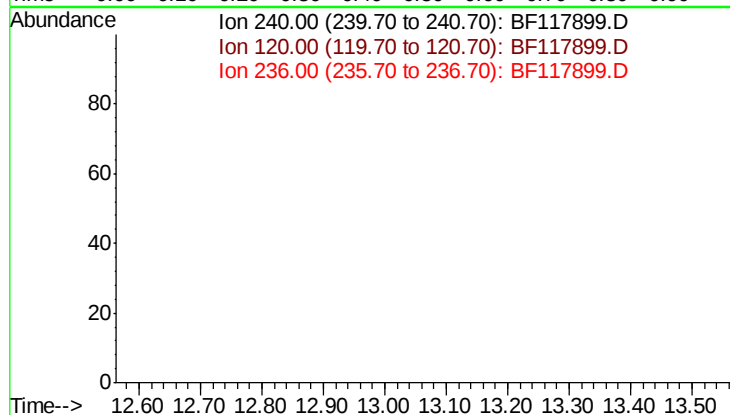




#76
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 14.12 min
 Lab File: BF117899.D
 Acq: 20 Nov 2019 18:00

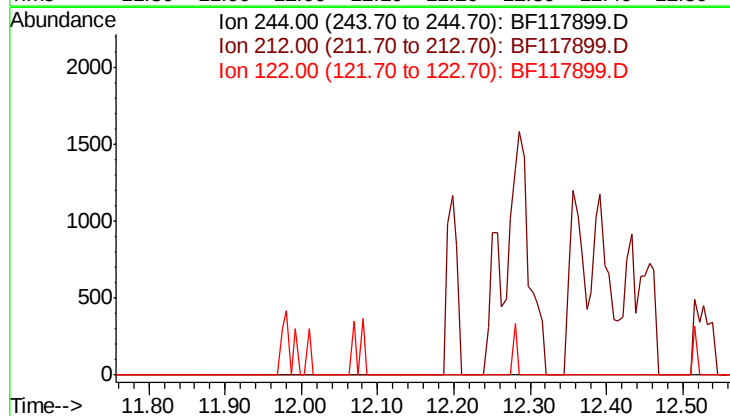
Instrument :
 BNA_F
 ClientSampleId :

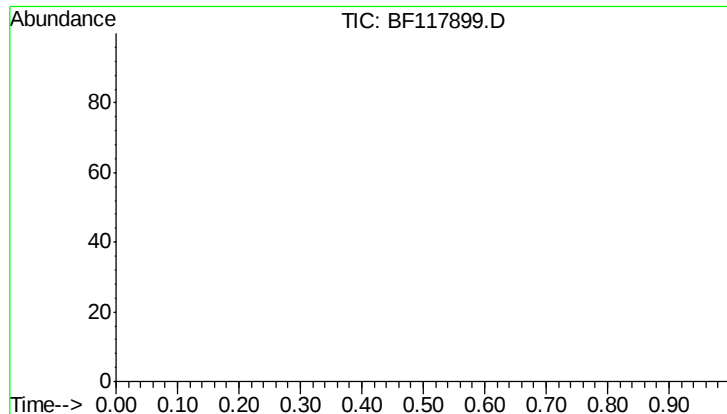
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 26.6



#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 13.06 min
 Lab File: BF117899.D
 Acq: 20 Nov 2019 18:00

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.9
 122 11.8





#87
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.62 min

Lab File: BF117899.D
Acq: 20 Nov 2019 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	24.2
265	21.4

