

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117708.D
 Acq On : 7 Nov 2019 16:53
 Operator : JU
 Sample : K5723-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-A

Quant Time: Nov 08 01:24:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

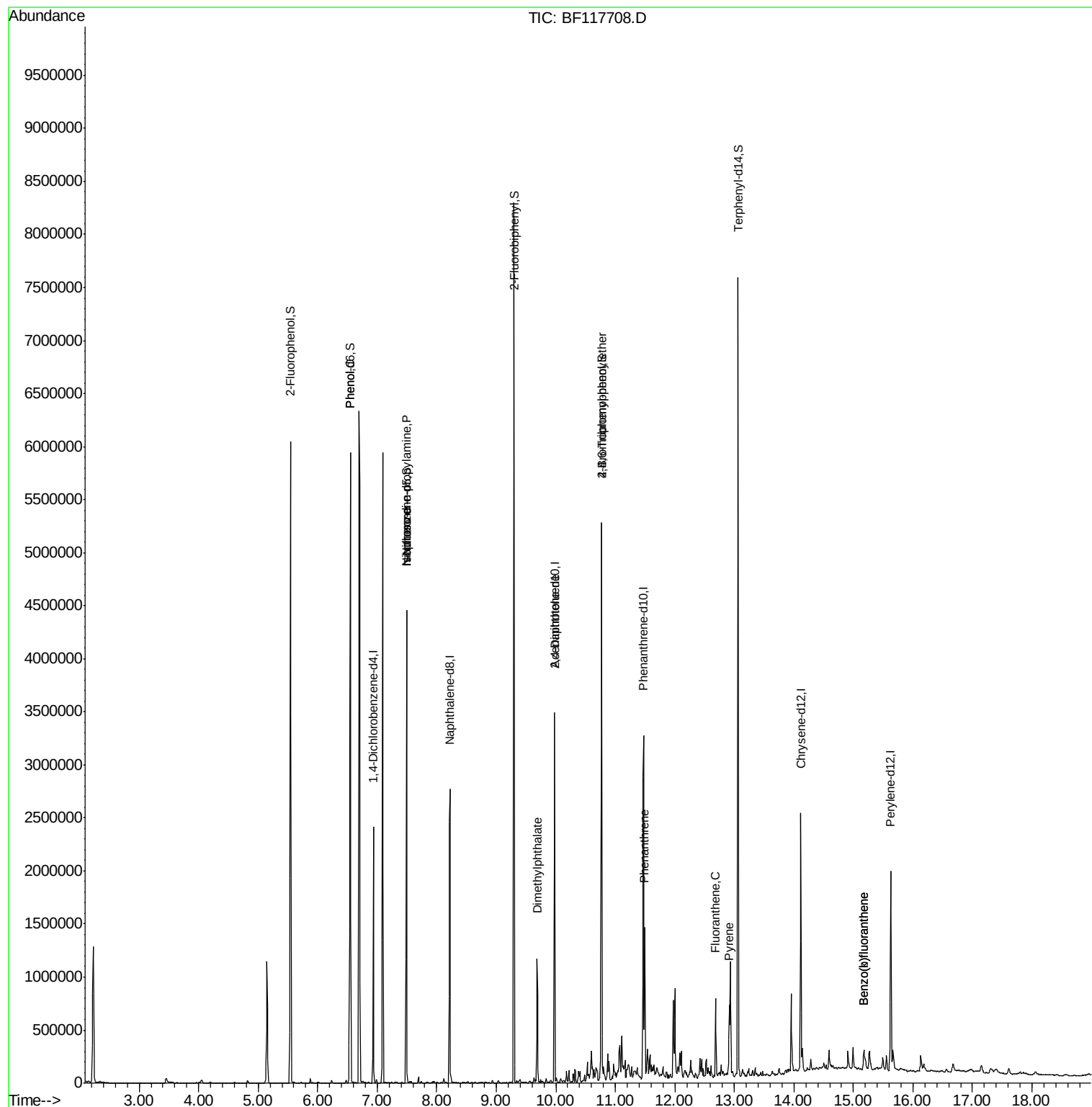
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	316568	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1224921	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	645038	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1152870	20.00	ng	0.00
76) Chrysene-d12	14.12	240	730055	20.00	ng	-0.01
87) Perylene-d12	15.63	264	839928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1674811	95.77	ng	0.00
7) Phenol-d6	6.55	99	2115555	98.11	ng	0.00
23) Nitrobenzene-d5	7.49	82	1266957	61.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	578080	91.61	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2378595	72.76	ng	0.00
79) Terphenyl-d14	13.06	244	2448851	69.05	ng	0.00
Target Compounds						
10) Phenol	6.56	94	108614	4.674	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.49	70	174343	12.296	ng	# 77
25) Isophorone	7.49	82	1263608	31.843	ng	# 62
50) Dimethylphthalate	9.69	163	425855	9.766	ng	99
57) 2,4-Dinitrotoluene	9.98	165	83478	6.664	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	37235	2.957	ng	# 1
71) Phenanthrene	11.49	178	509690	9.224	ng	96
75) Fluoranthene	12.69	202	248271	4.400	ng	95
78) Pyrene	12.92	202	250886	4.708	ng	97
88) Benzo(b)fluoranthene	15.17	252	136326	2.577	ng	98
89) Benzo(k)fluoranthene	15.17	252	136326	2.889	ng	97

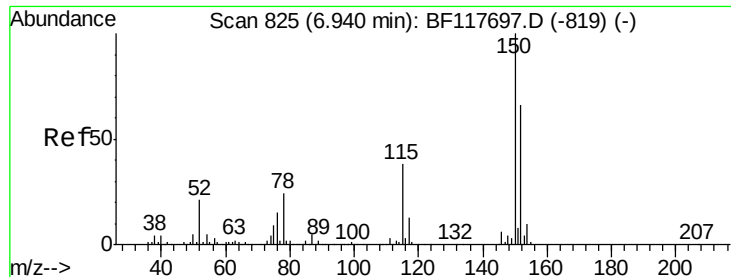
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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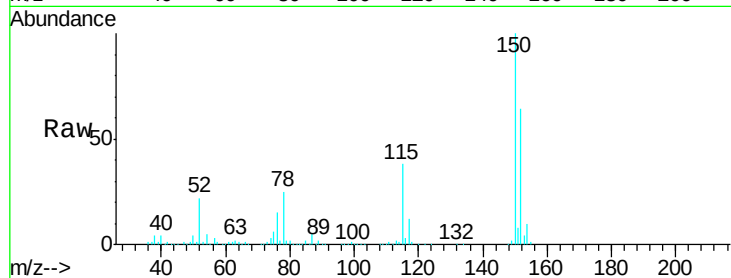


#1

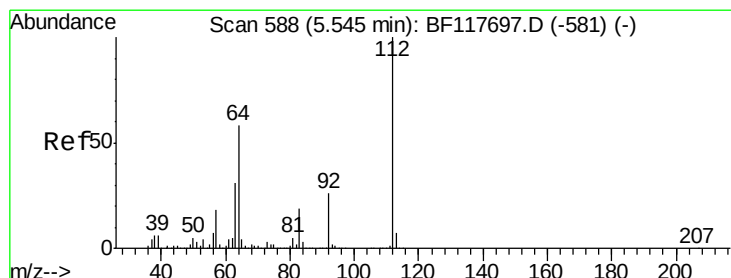
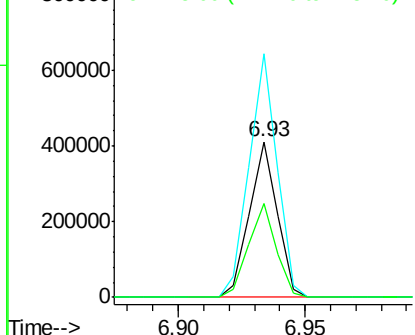
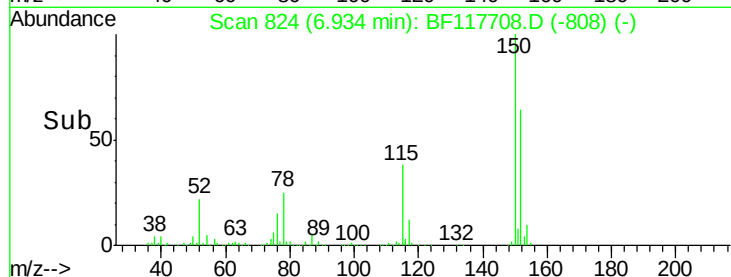
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Instrument :
BNA_F
ClientSampleId :
7-A

Tgt Ion:152 Resp: 316568
Ion Ratio Lower Upper
152 100
150 156.6 121.4 182.2
115 60.2 46.7 70.1



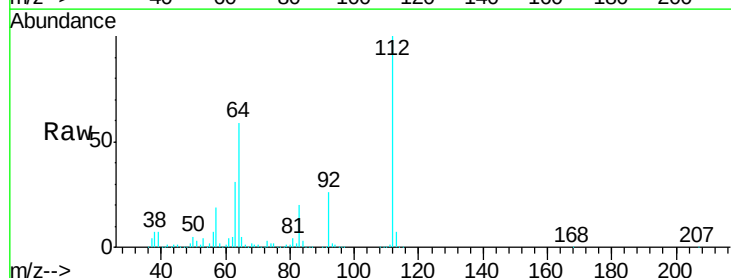
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



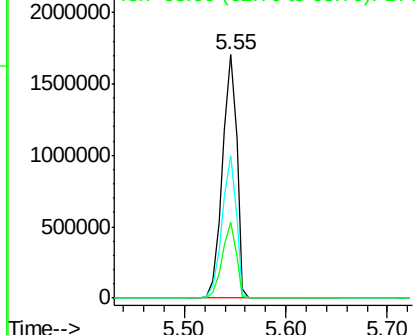
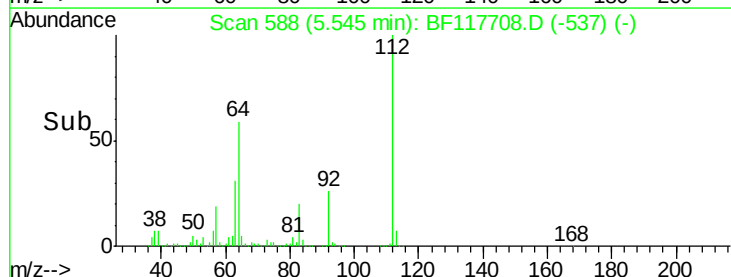
#5

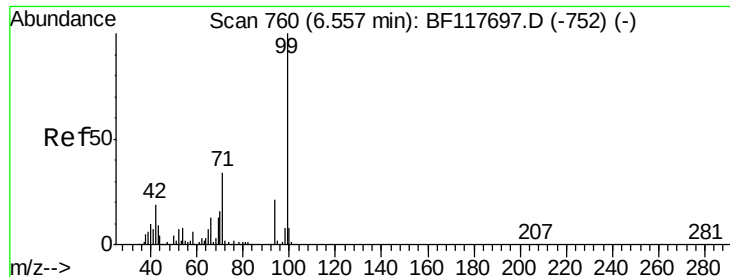
2-Fluorophenol
Concen: 95.767 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion:112 Resp: 1674811
Ion Ratio Lower Upper
112 100
64 58.7 46.4 69.6
63 31.4 24.6 37.0



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: 98.107 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampleId :

7-A

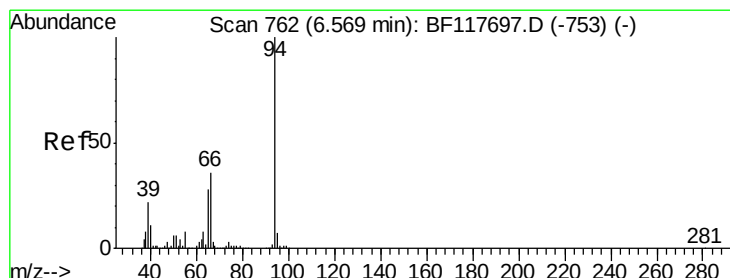
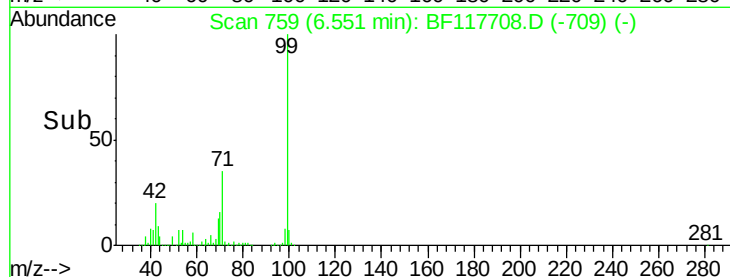
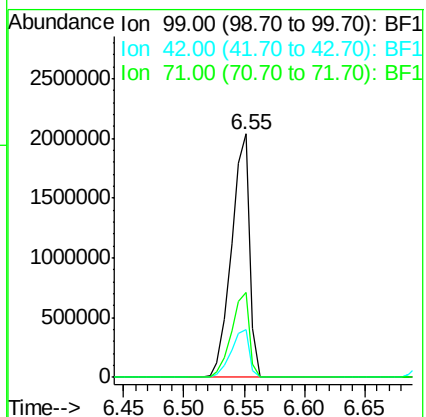
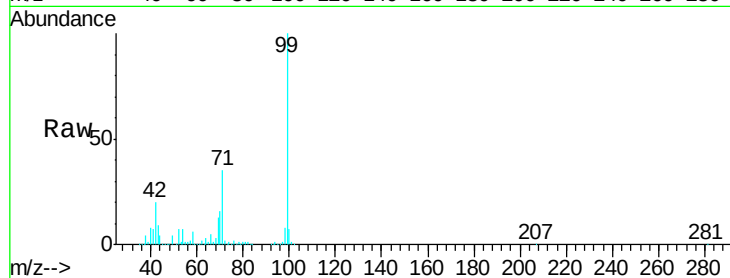
Tgt Ion: 99 Resp: 2115555

Ion Ratio Lower Upper

99 100

42 19.6 15.3 22.9

71 34.8 26.8 40.2



#10

Phenol

Concen: 4.674 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

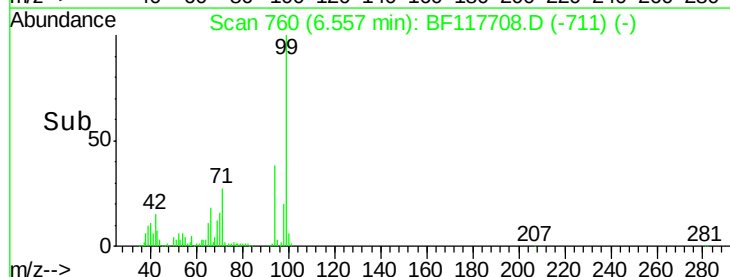
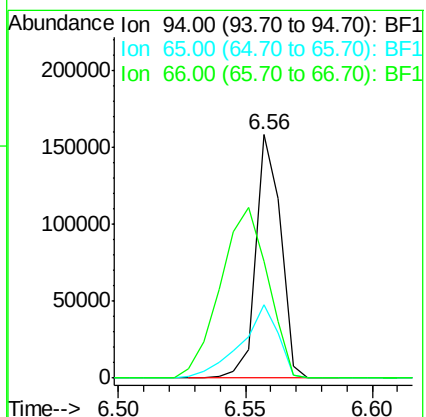
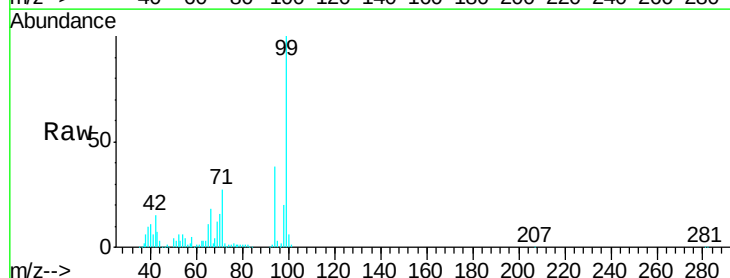
Tgt Ion: 94 Resp: 108614

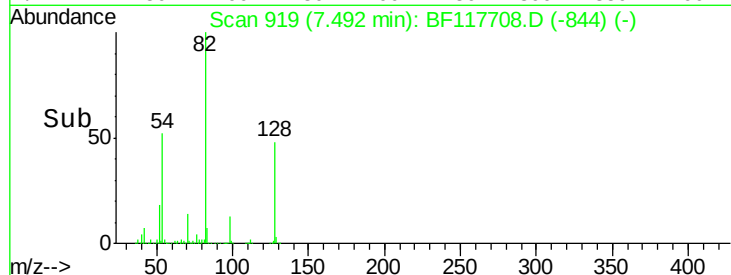
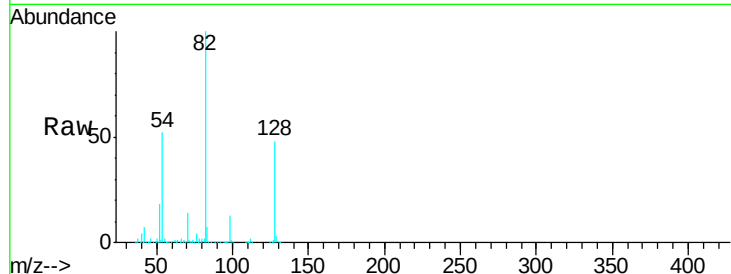
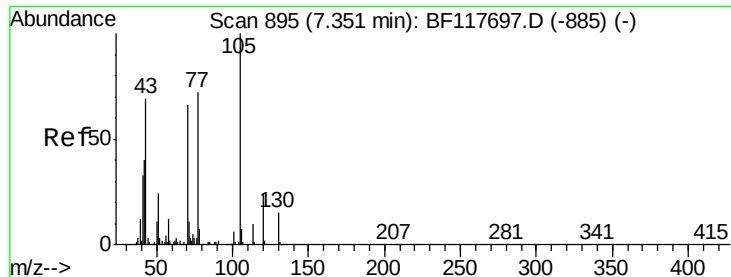
Ion Ratio Lower Upper

94 100

65 29.9 7.6 47.6

66 48.1 16.1 56.1

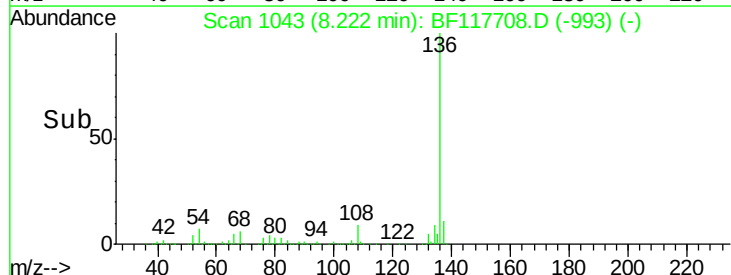
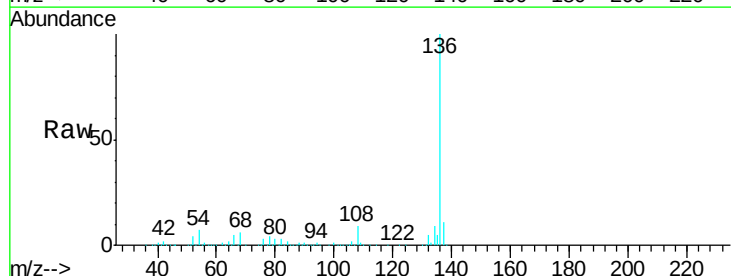
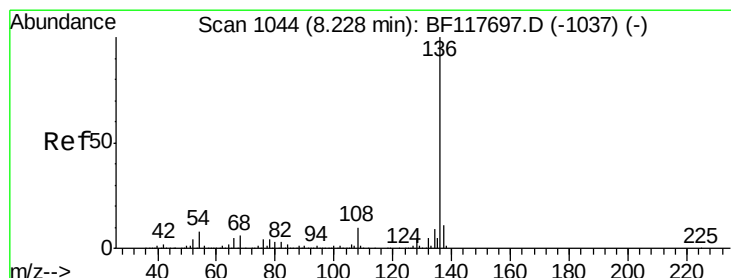
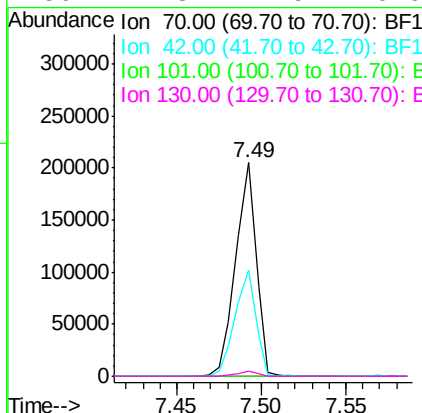




#19
n-Nitroso-di-n-propylamine
Concen: 12.296 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

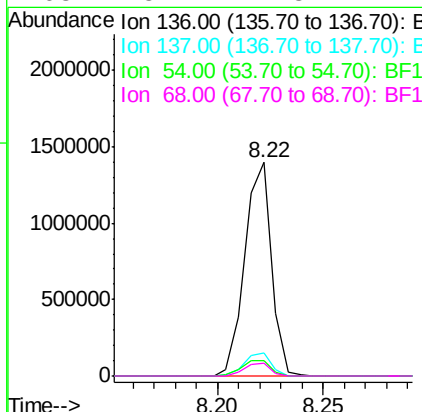
Instrument :
BNA_F
ClientSampleId :
7-A

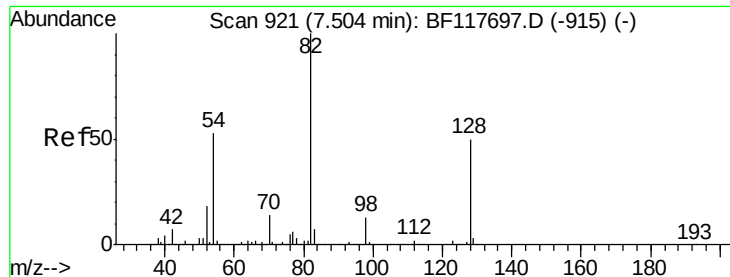
Tgt Ion: 70 Resp: 174343
Ion Ratio Lower Upper
70 100
42 49.8 49.1 73.7
101 0.0 7.8 11.8#
130 2.3 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117708.D
Acq: 7 Nov 2019 16:53

Tgt Ion: 136 Resp: 1224921
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.0 9.0
68 5.7 4.8 7.2



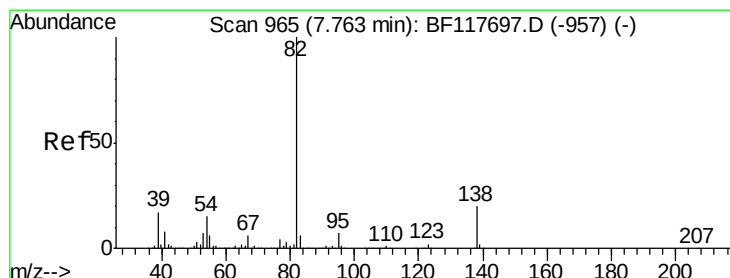
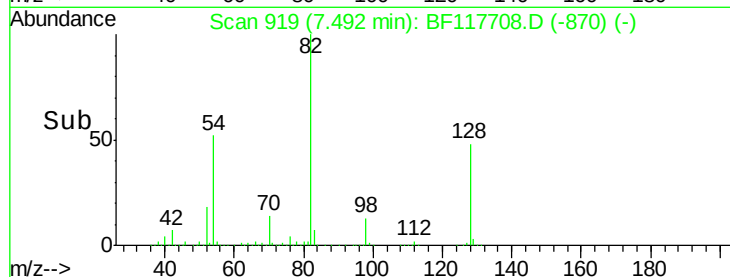
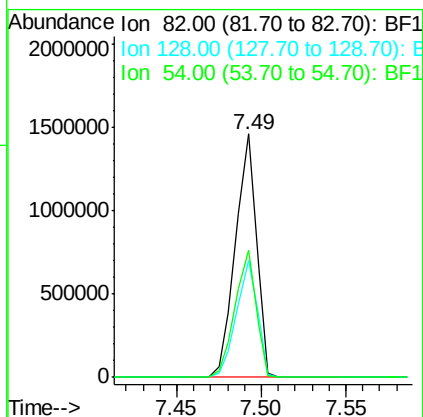
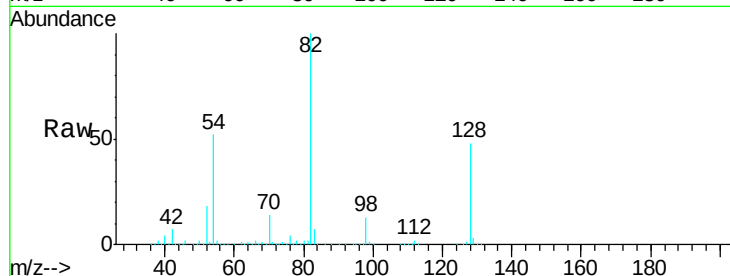


#23
 Nitrobenzene-d5
 Concen: 61.065 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 7-A

Tgt Ion: 82 Resp: 1266957

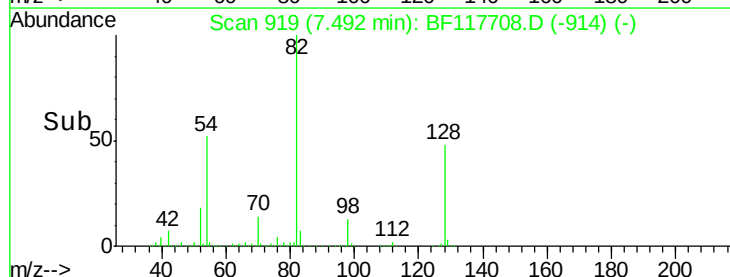
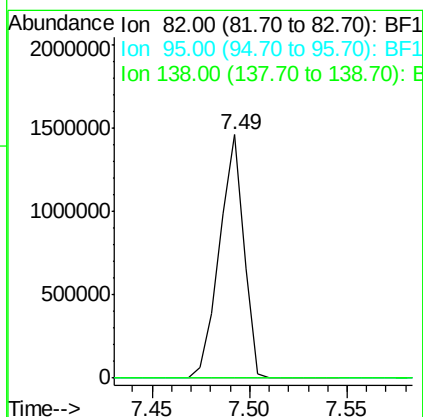
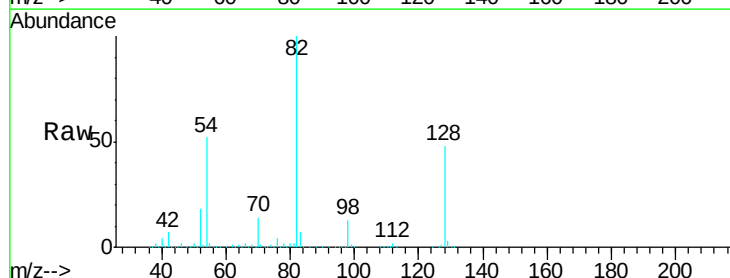
Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.2	60.2
54	52.2	42.0	63.0

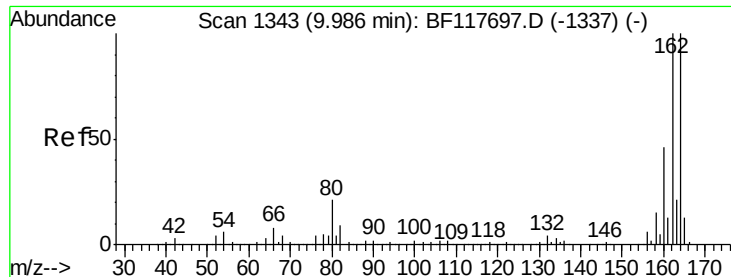


#25
 Isophorone
 Concen: 31.843 ng
 RT: 7.49 min Scan# 919
 Delta R.T. -0.27 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Tgt Ion: 82 Resp: 1263608

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.2	24.2#

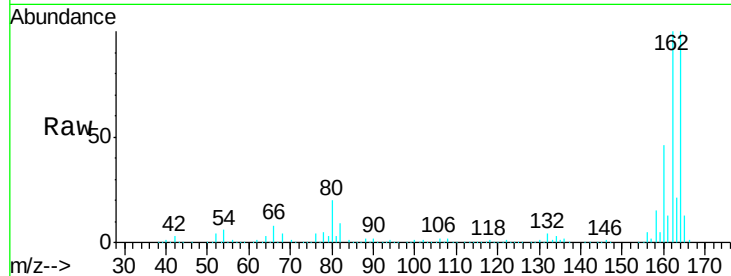




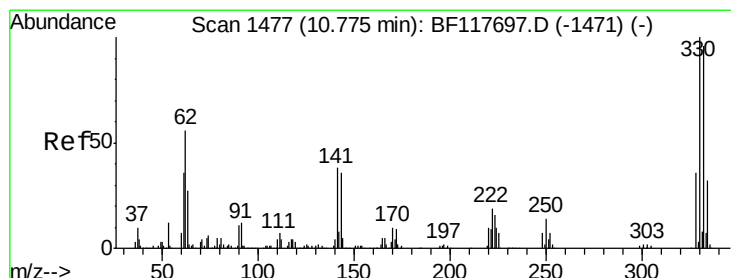
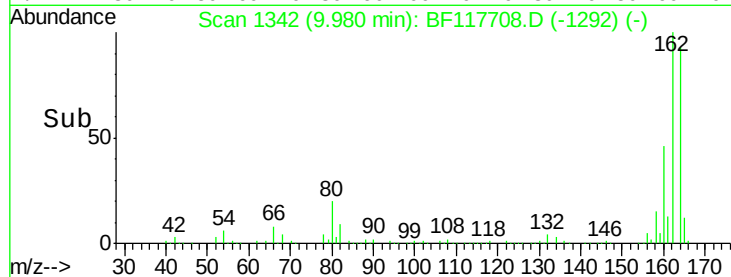
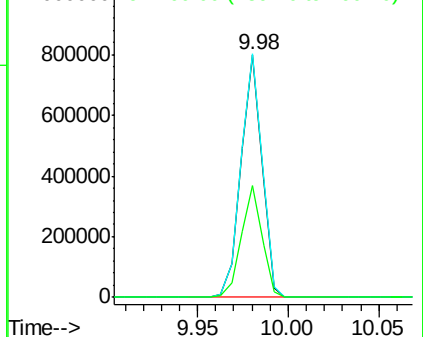
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Instrument :
 BNA_F
 ClientSampled :
 7-A

Tgt Ion:164 Resp: 645038
 Ion Ratio Lower Upper
 164 100
 162 100.4 79.7 119.5
 160 46.0 36.5 54.7

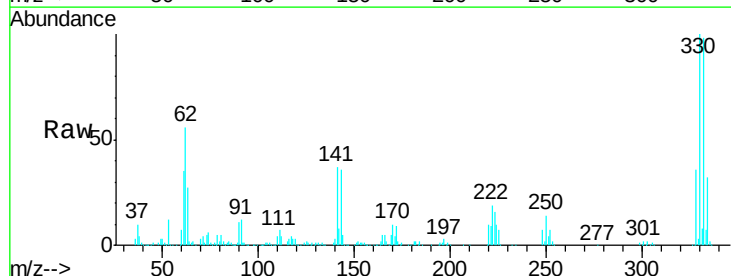


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

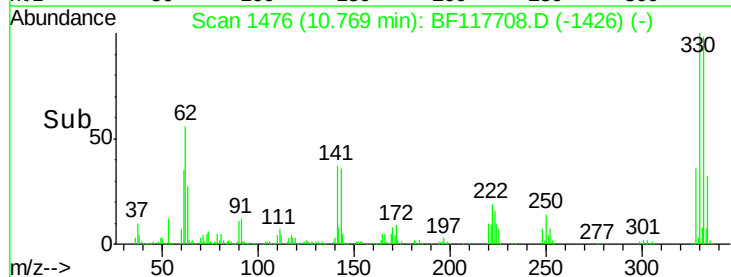
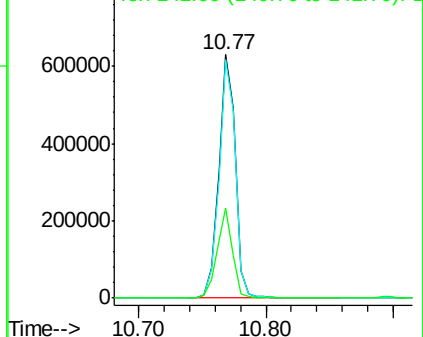


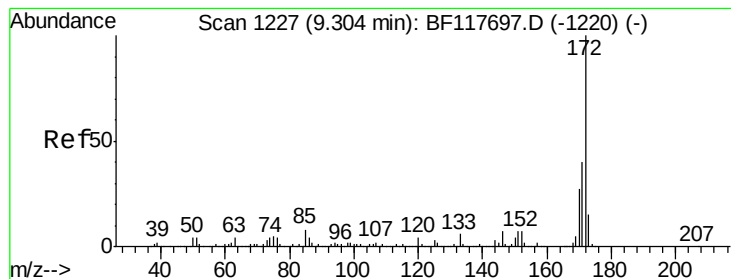
#42
 2,4,6-Tribromophenol
 Concen: 91.614 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Tgt Ion:330 Resp: 578080
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.0
 141 34.6 28.0 42.0



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: 72.755 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampleId :

7-A

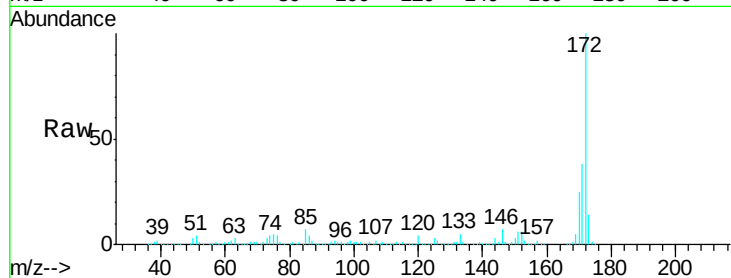
Tgt Ion:172 Resp: 2378595

Ion Ratio Lower Upper

172 100

171 37.6 31.8 47.8

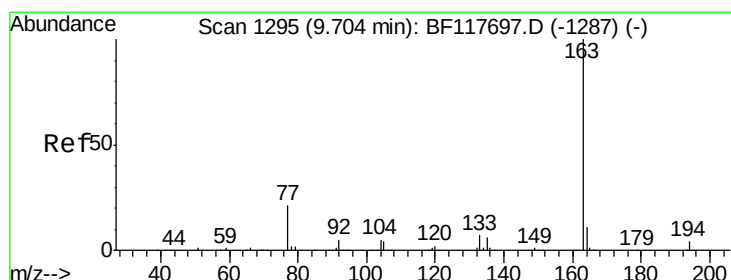
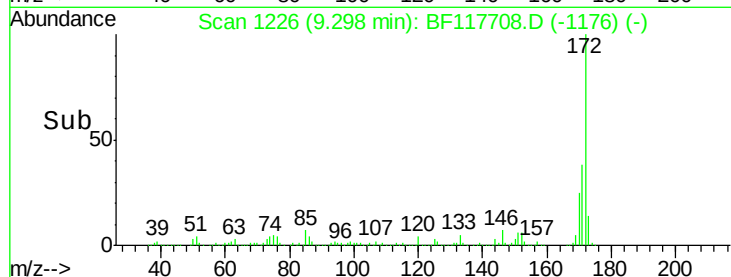
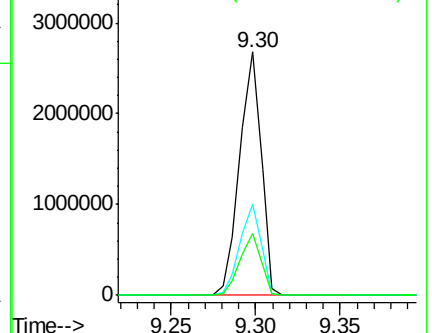
170 25.4 21.6 32.4



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: 9.766 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

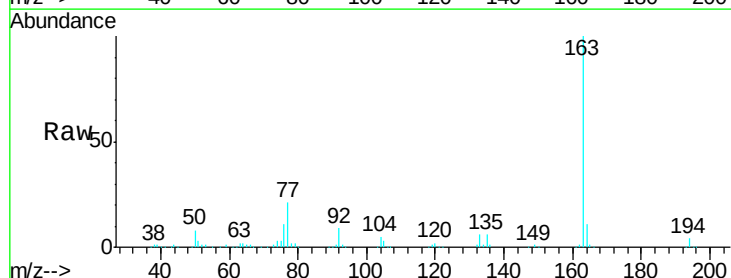
Tgt Ion:163 Resp: 425855

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

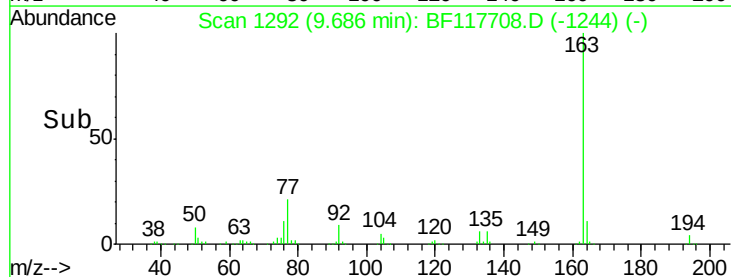
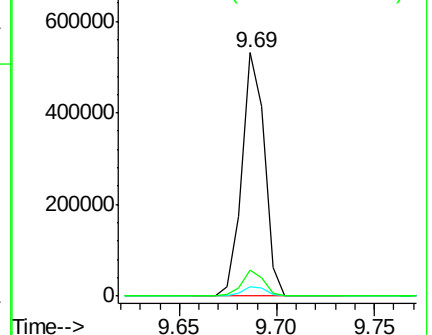
164 10.8 8.9 13.3

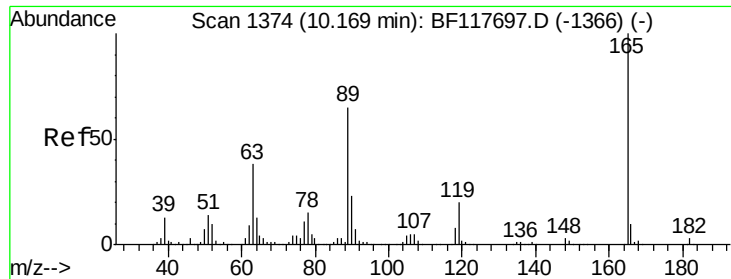


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

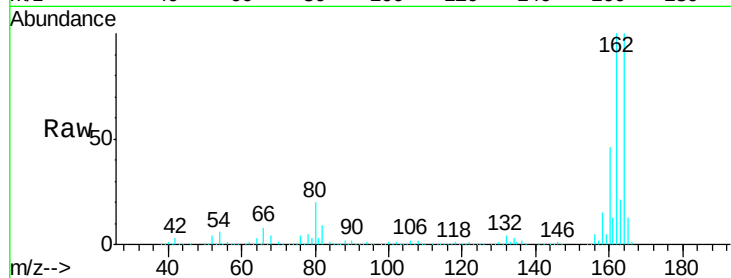




#57
 2,4-Dinitrotoluene
 Concen: 6.664 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.19 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 7-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.4	45.6#
89	1.6	52.2	78.4#
182	0.0	2.3	3.5#

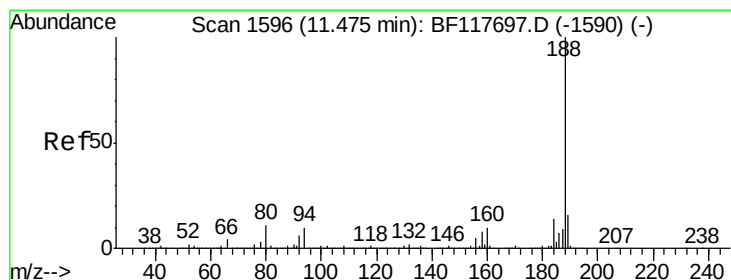
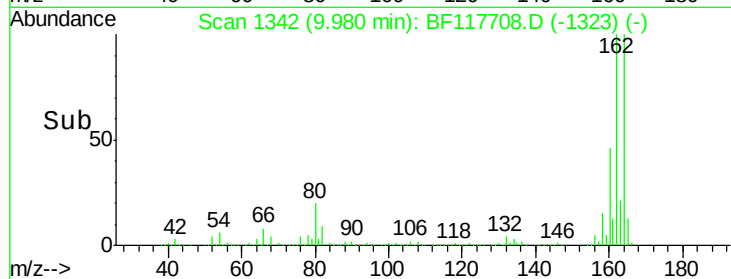
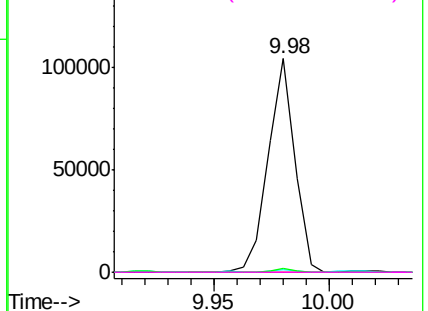


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

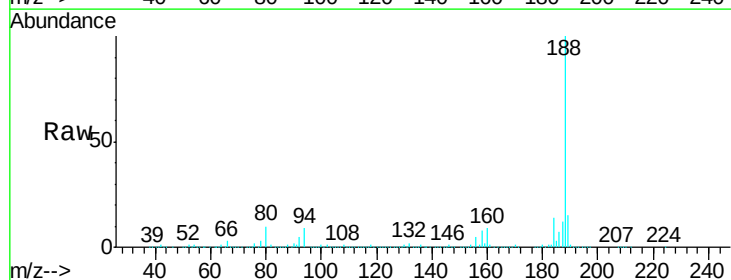
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

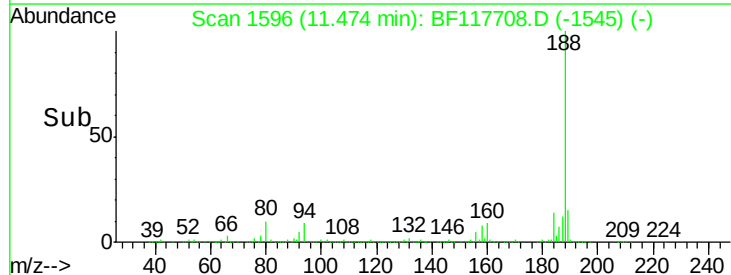
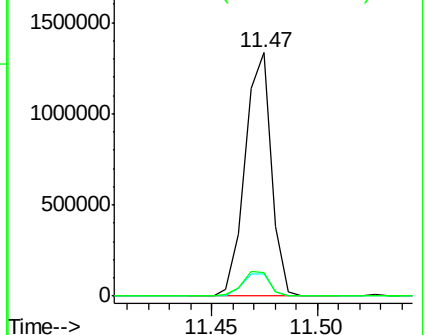
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	9.6	8.6	13.0

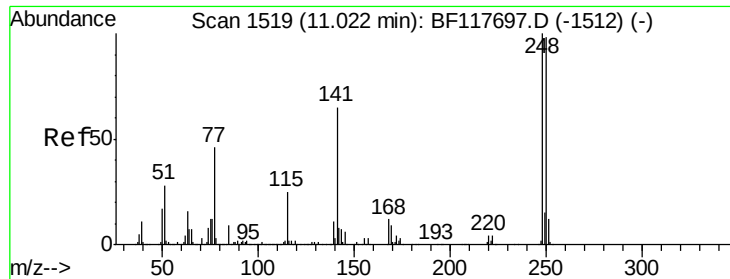


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

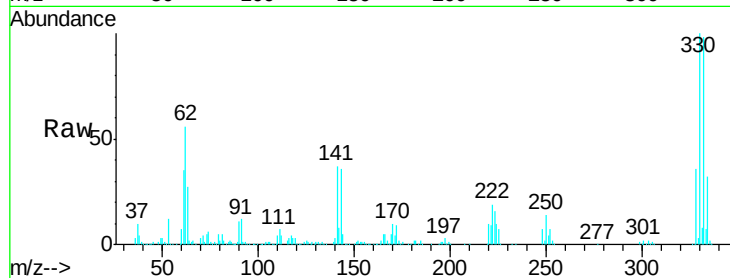




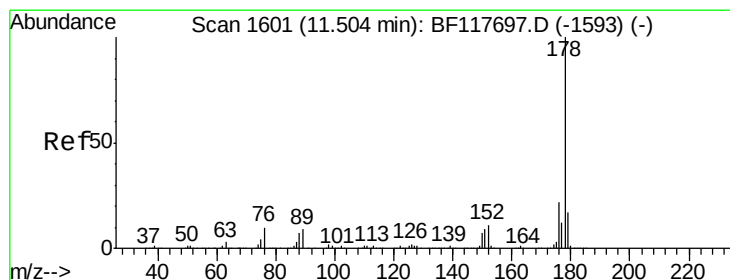
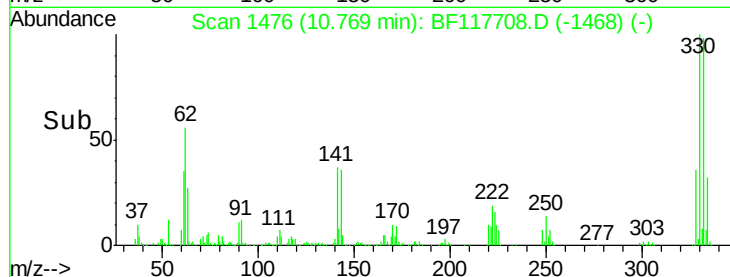
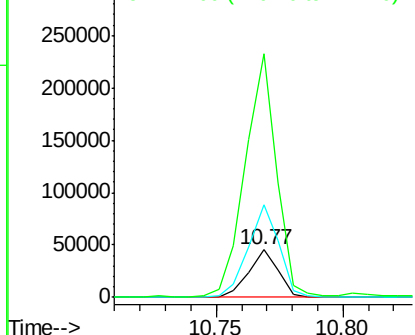
#67
 4-Bromophenyl-phenylether
 Concen: 2.957 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.25 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 7-A

Tgt Ion:248 Resp: 37235
 Ion Ratio Lower Upper
 248 100
 250 195.0 78.7 118.1#
 141 514.0 51.8 77.8#

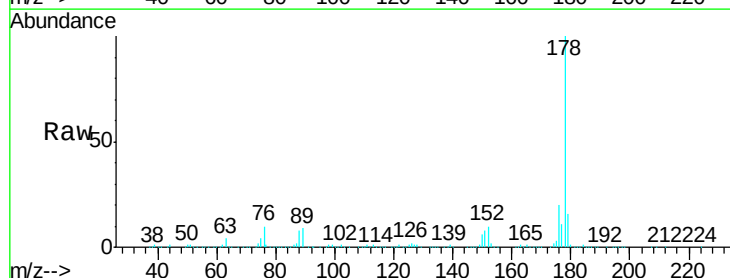


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

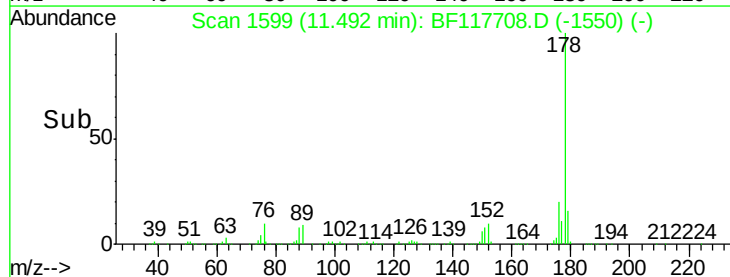
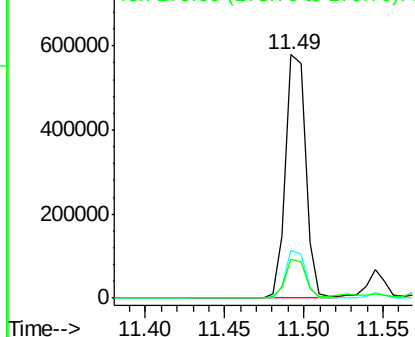


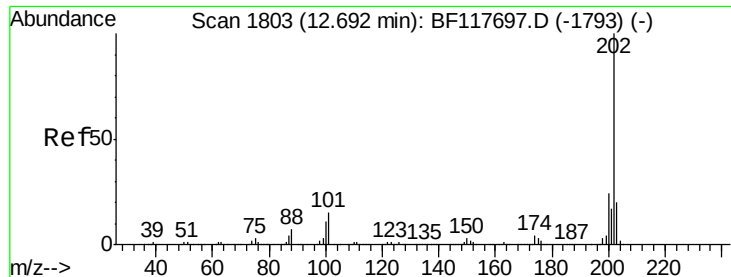
#71
 Phenanthrene
 Concen: 9.224 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF117708.D
 Acq: 7 Nov 2019 16:53

Tgt Ion:178 Resp: 509690
 Ion Ratio Lower Upper
 178 100
 176 19.7 17.7 26.5
 179 16.1 13.8 20.8



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: 4.400 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampleId :

7-A

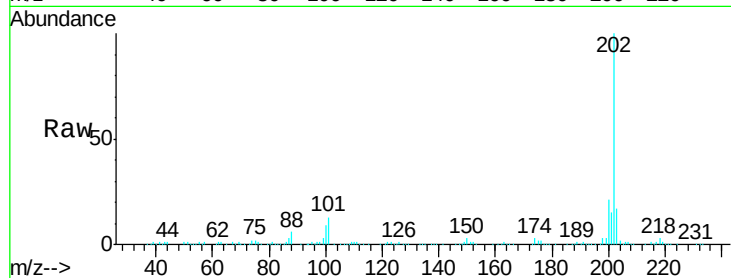
Tgt Ion:202 Resp: 248271

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.5

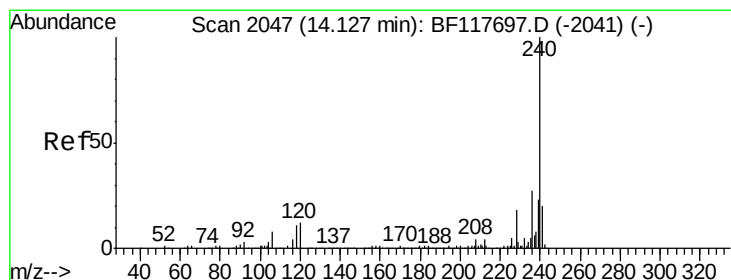
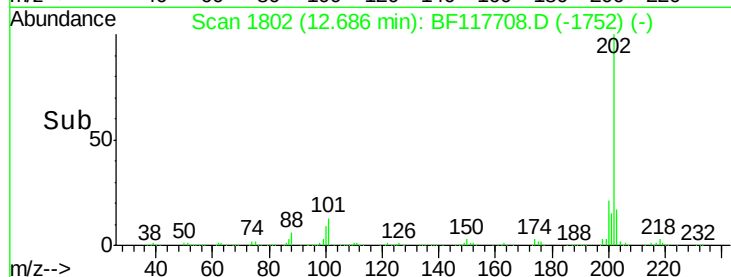
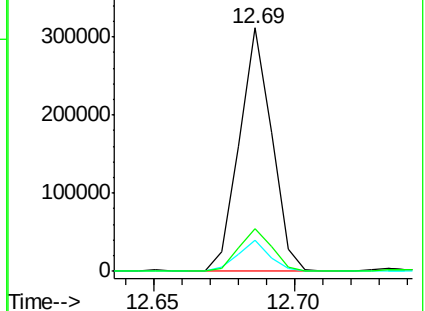
203 17.3 0.0 39.8



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: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

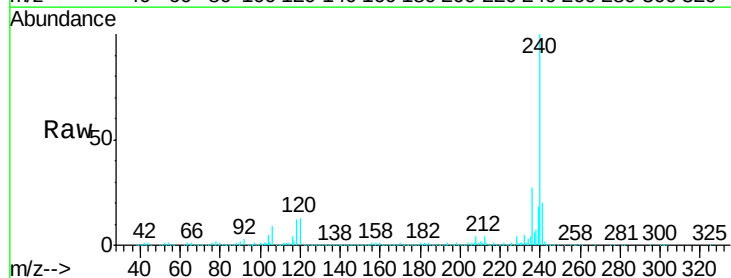
Tgt Ion:240 Resp: 730055

Ion Ratio Lower Upper

240 100

120 13.4 9.7 14.5

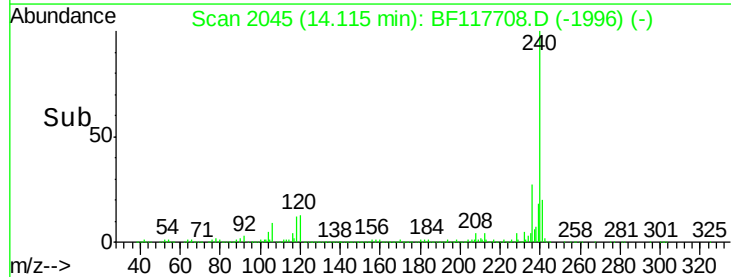
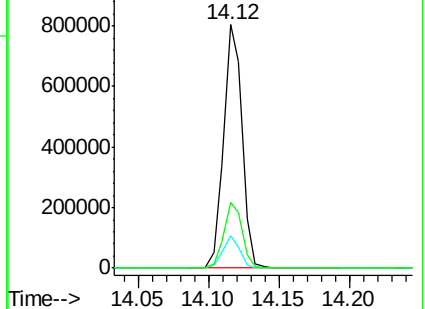
236 27.0 21.9 32.9

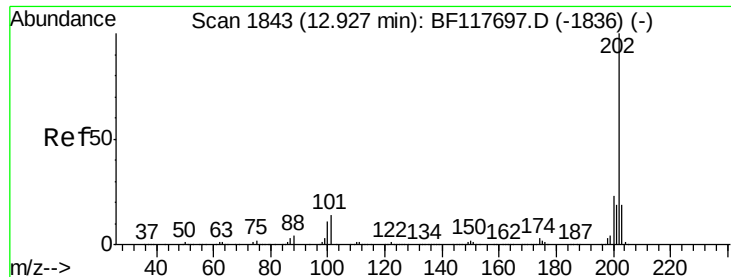


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 4.708 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampleId :

7-A

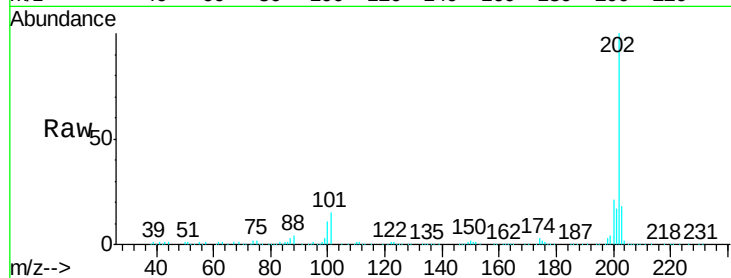
Tgt Ion:202 Resp: 250886

Ion Ratio Lower Upper

202 100

200 21.3 18.8 28.2

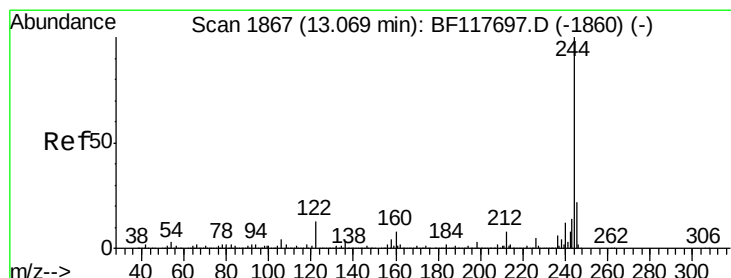
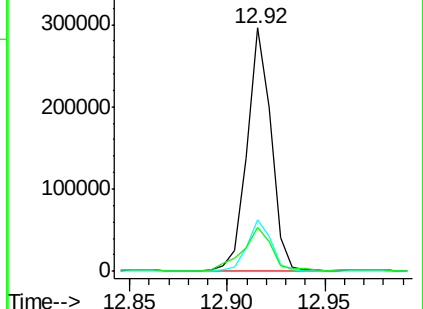
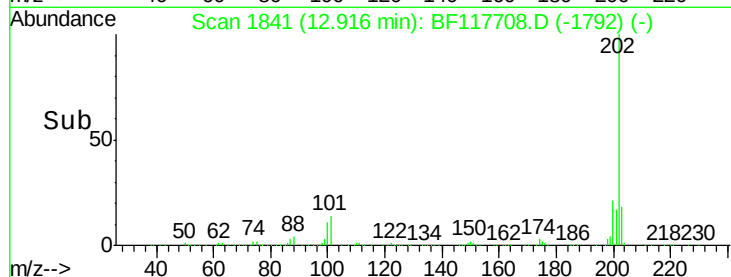
203 18.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 69.052 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

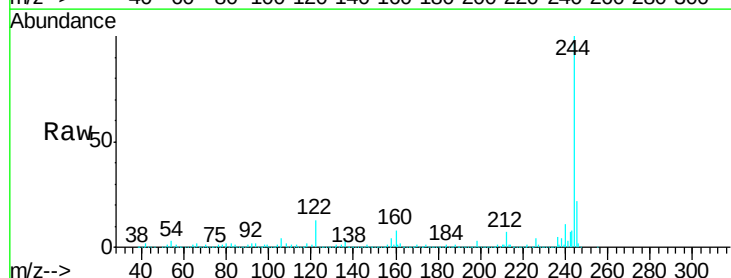
Tgt Ion:244 Resp: 2448851

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

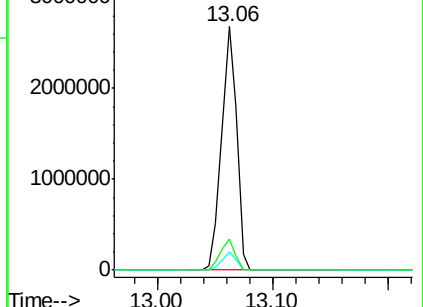
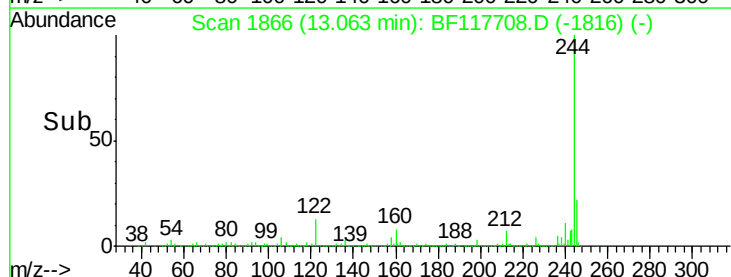
122 12.8 10.0 15.0

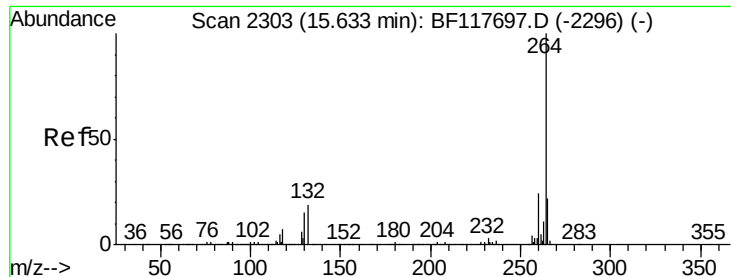


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampleId :

7-A

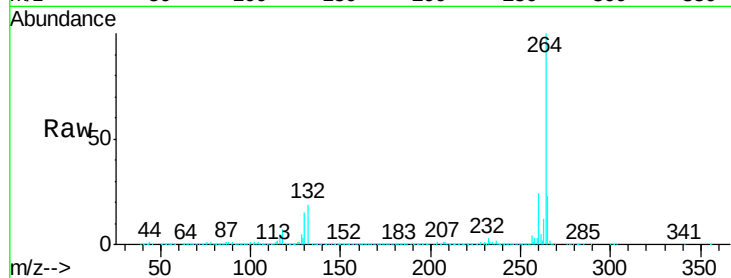
Tgt Ion:264 Resp: 839928

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

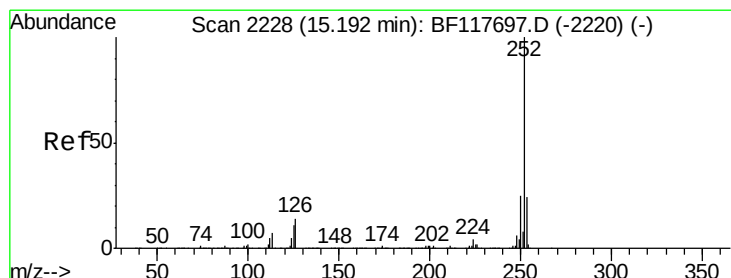
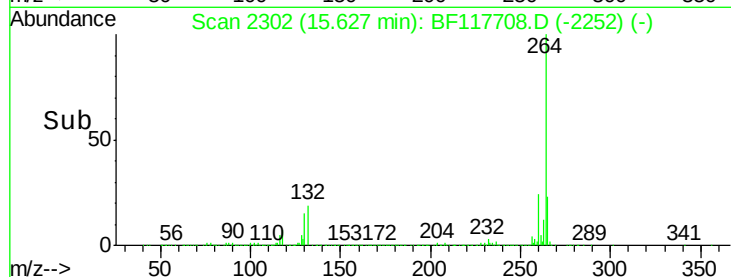
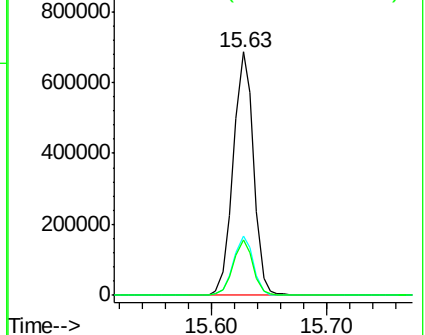
265 22.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.577 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

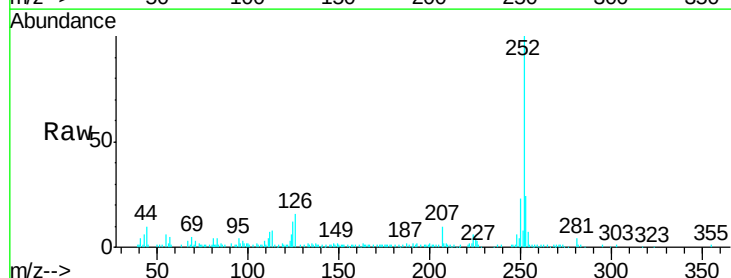
Tgt Ion:252 Resp: 136326

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

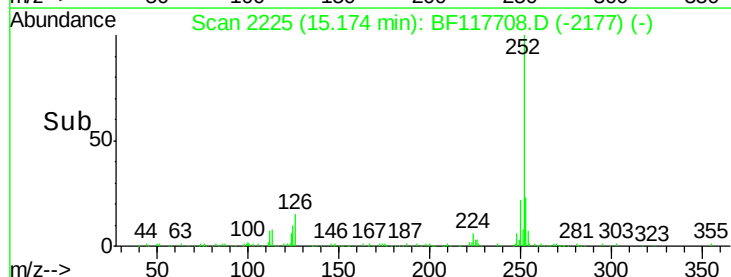
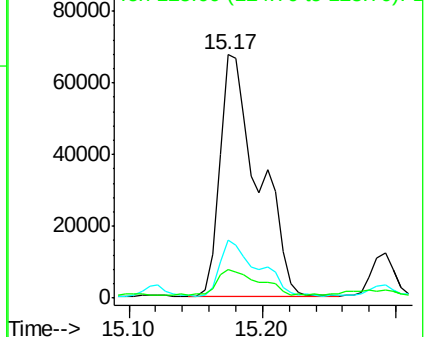
125 11.8 8.5 12.7

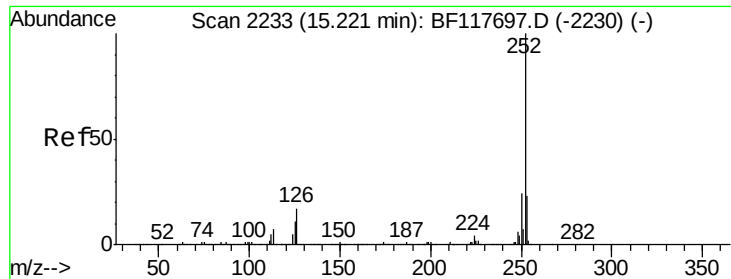


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.889 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.05 min

Lab File: BF117708.D

Acq: 7 Nov 2019 16:53

Instrument :

BNA_F

ClientSampleId :

7-A

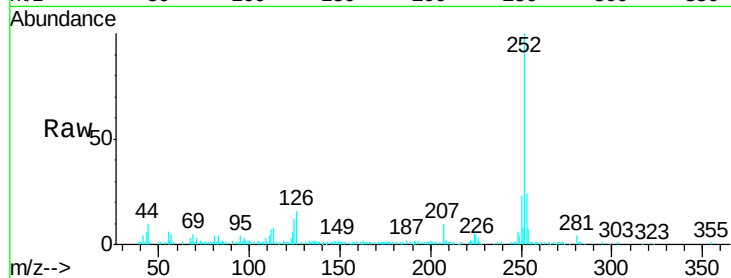
Tgt Ion: 252 Resp: 136326

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 11.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

