

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111198.D
 Acq On : 7 Dec 2018 20:27
 Operator : JU/SJ
 Sample : J6214-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)

Quant Time: Dec 07 22:26:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

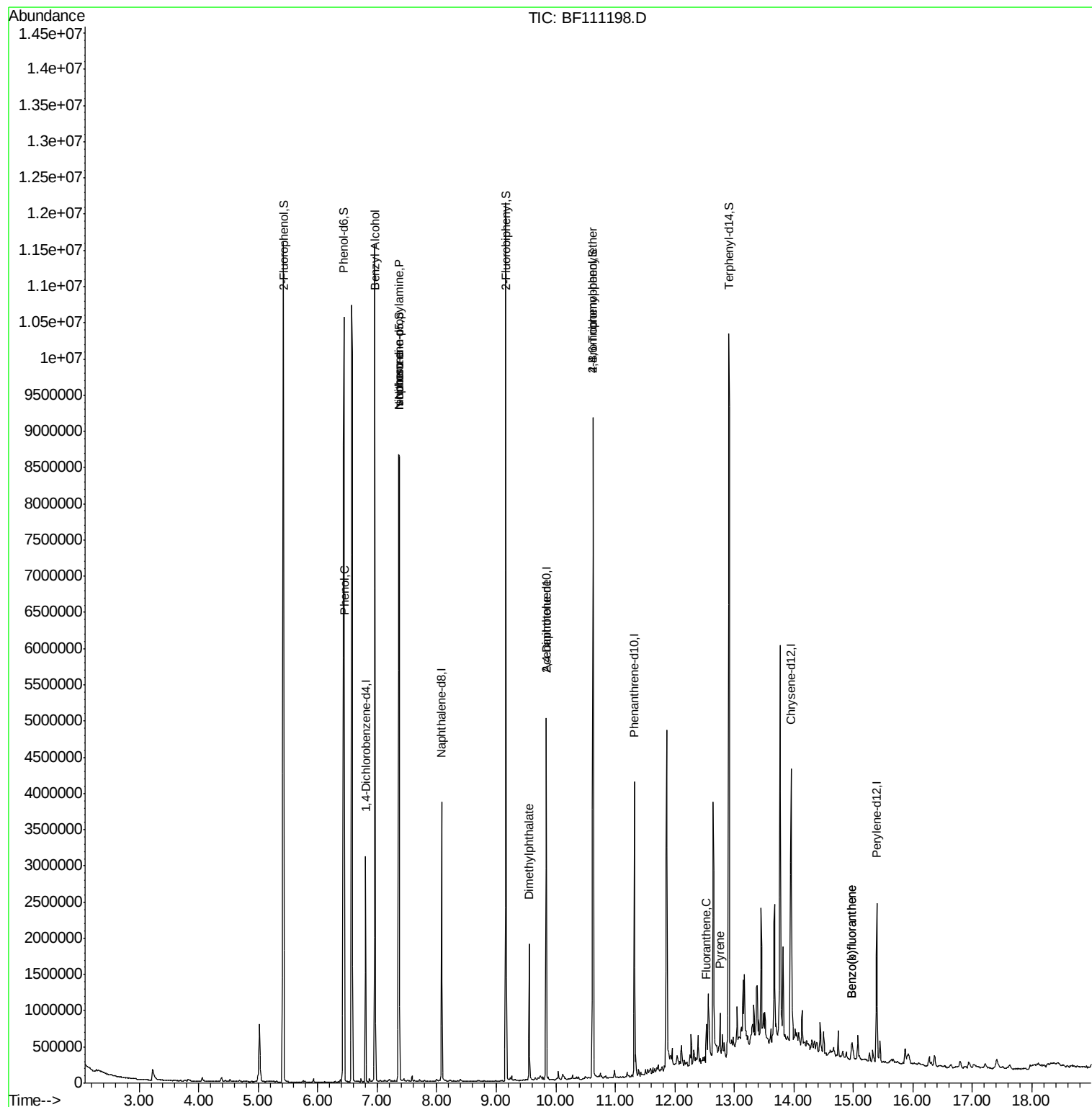
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	389328	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1548178	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	886624	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1348302	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1112820	20.00	ng	0.00
87) Perylene-d12	15.39	264	925670	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3723265	149.23	ng	0.01
7) Phenol-d6	6.44	99	3943788	122.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	3125658	119.53	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1030111	146.16	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3921746	81.24	ng	0.00
79) Terphenyl-d14	12.91	244	3438855	63.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	3502	Below Cal		Qvalue 95
10) Phenol	6.45	94	294968	8.417 ng		90
15) Benzyl Alcohol	6.96	79	51392	2.018 ng	#	45
19) n-Nitroso-di-n-propylamine	7.36	70	431358	19.972 ng	#	73
25) Isophorone	7.36	82	3111334	64.831 ng	#	65
50) Dimethylphthalate	9.55	163	725992	11.765 ng		98
57) 2,4-Dinitrotoluene	9.84	165	115373	6.828 ng	#	23
67) 4-Bromophenyl-phenylether	10.63	248	67453	4.726 ng	#	1
75) Fluoranthene	12.53	202	194445	3.064 ng		96
78) Pyrene	12.76	202	181844	2.097 ng		95
88) Benzo(b)fluoranthene	14.98	252	145826	2.780 ng		98
89) Benzo(k)fluoranthene	14.98	252	145826	2.876 ng		98

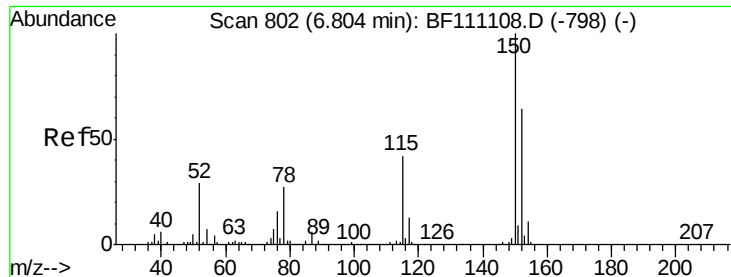
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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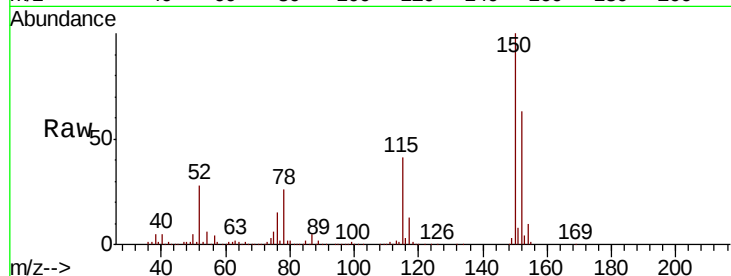


#1

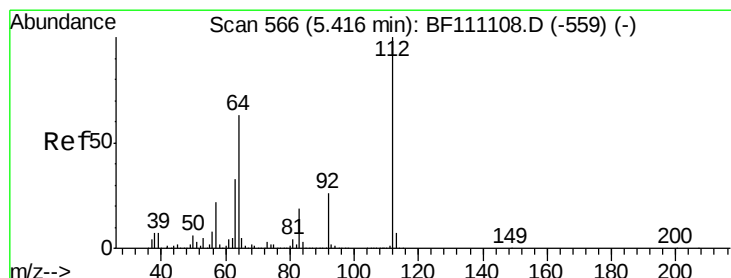
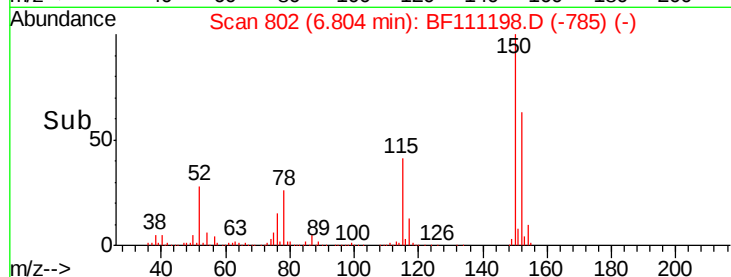
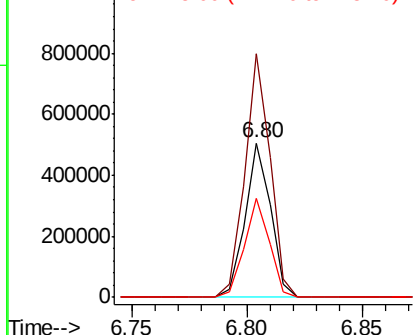
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion:152 Resp: 389328
Ion Ratio Lower Upper
152 100
150 157.9 124.6 187.0
115 64.1 52.2 78.2



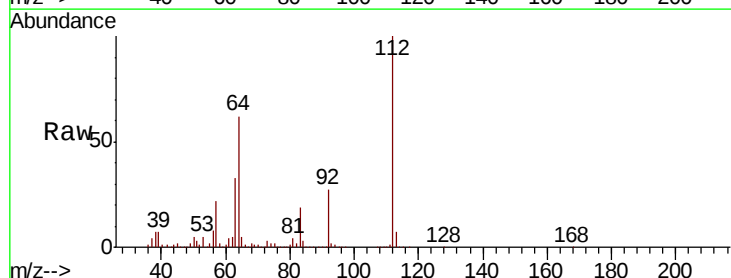
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



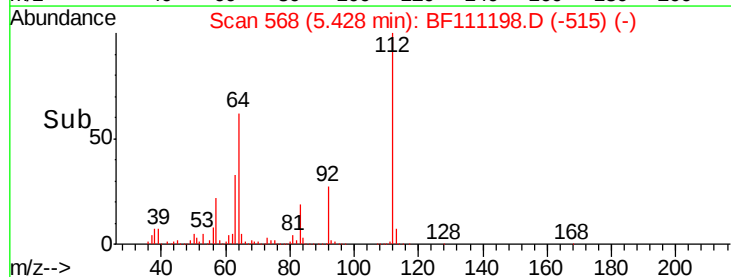
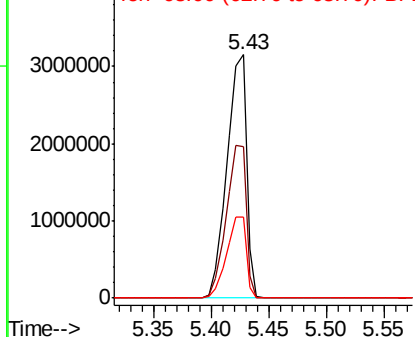
#5

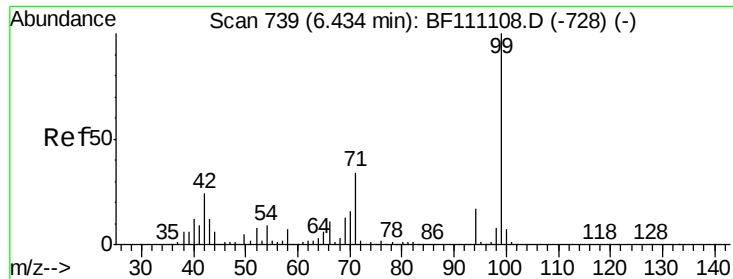
2-Fluorophenol
Concen: 149.231 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:112 Resp: 3723265
Ion Ratio Lower Upper
112 100
64 62.1 50.2 75.4
63 33.3 26.6 39.8



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: 122.709 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

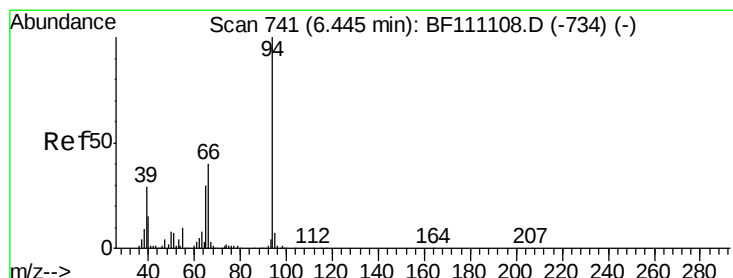
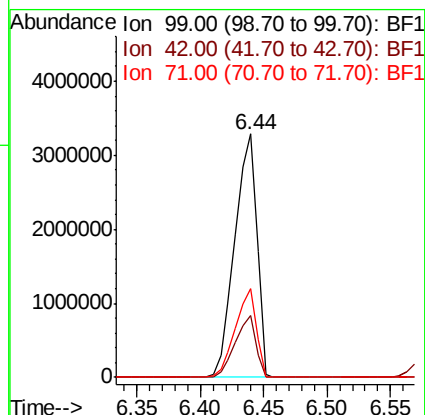
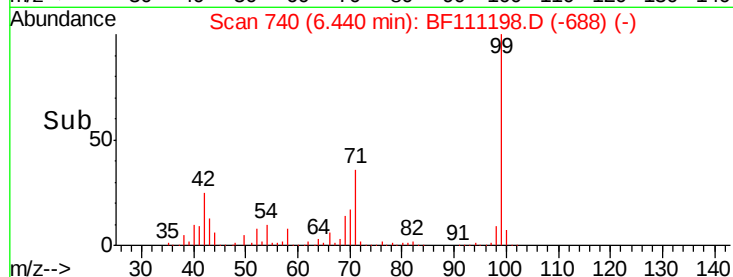
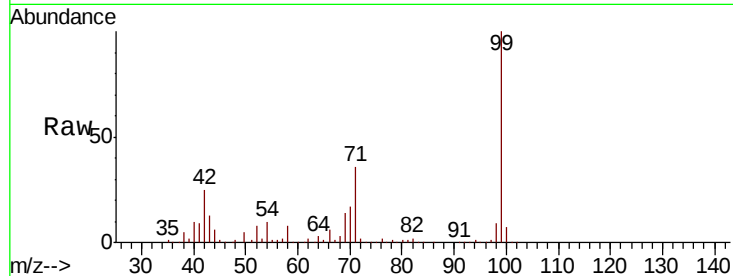
Tgt Ion: 99 Resp: 3943788

Ion Ratio Lower Upper

99 100

42 25.4 19.3 28.9

71 36.5 27.4 41.2



#10

Phenol

Concen: 8.417 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

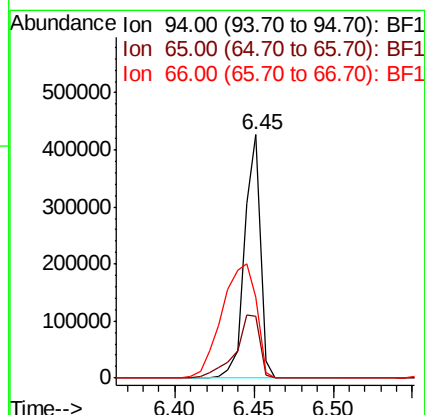
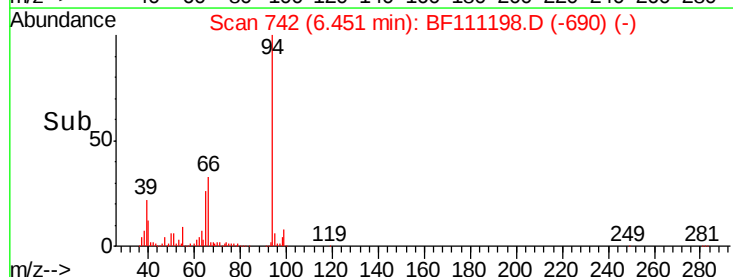
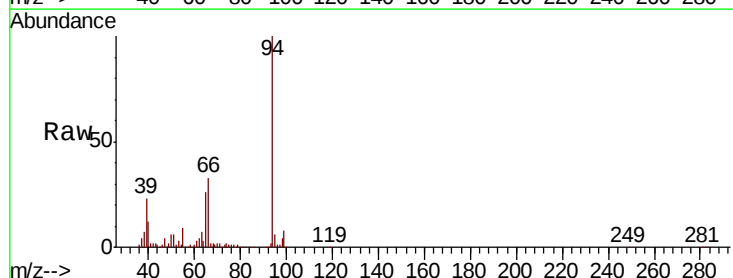
Tgt Ion: 94 Resp: 294968

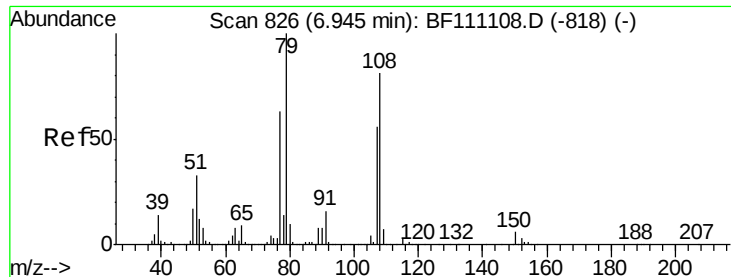
Ion Ratio Lower Upper

94 100

65 25.6 10.5 50.5

66 33.1 19.8 59.8

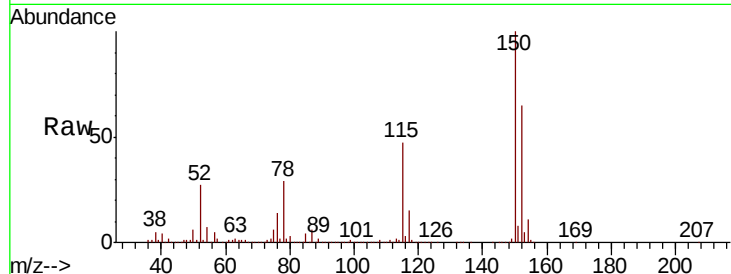




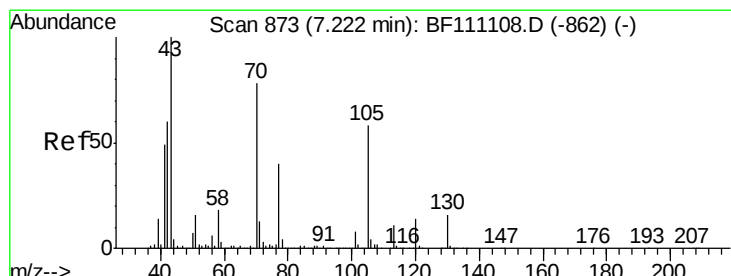
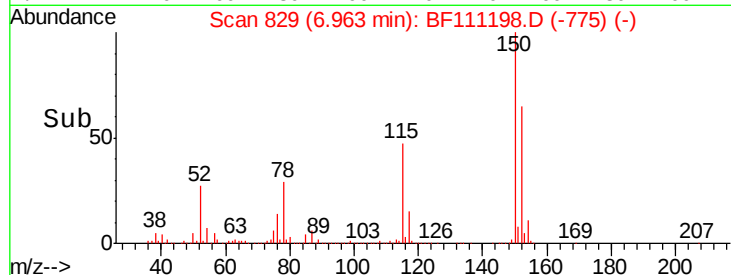
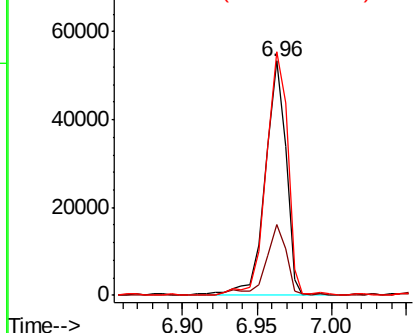
#15
Benzyl Alcohol
Concen: 2.018 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.02 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion	Ratio	Lower	Upper
79	100		
108	30.1	64.5	96.7#
77	103.8	50.5	75.7#



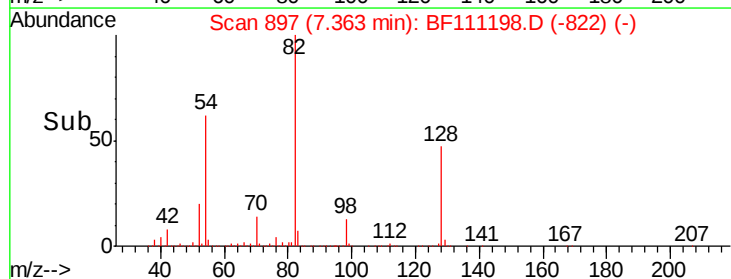
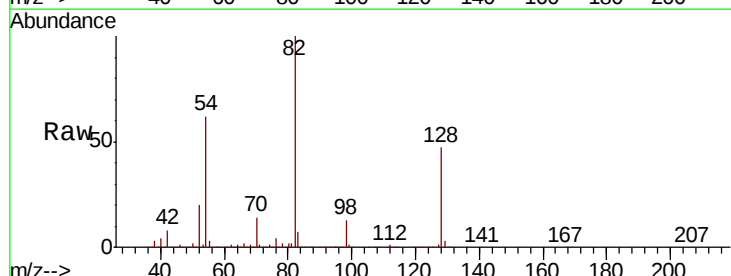
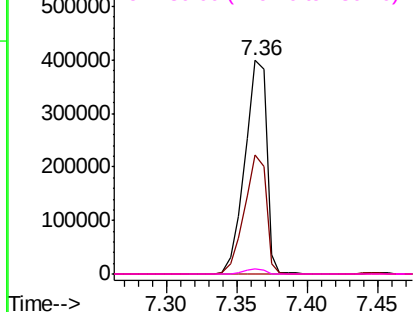
Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

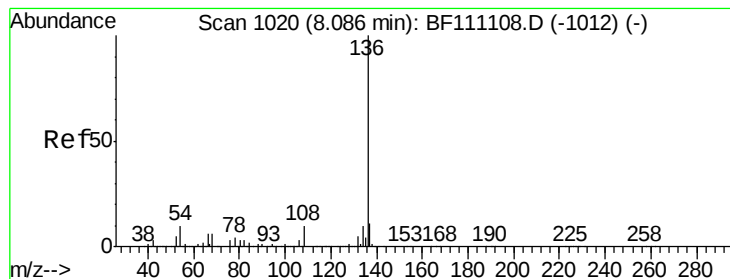


#19
n-Nitroso-di-n-propylamine
Concen: 19.972 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.5	61.3	91.9#
101	0.0	7.7	11.5#
130	2.1	16.3	24.5#

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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

Tgt Ion:136 Resp: 1548178

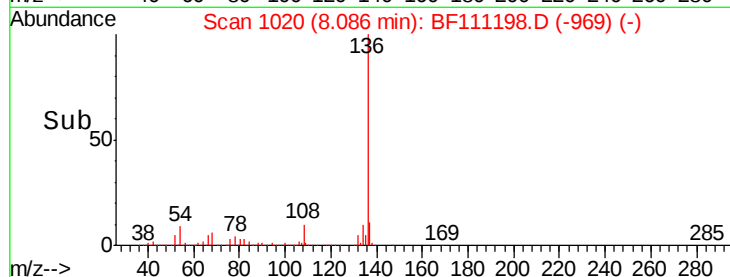
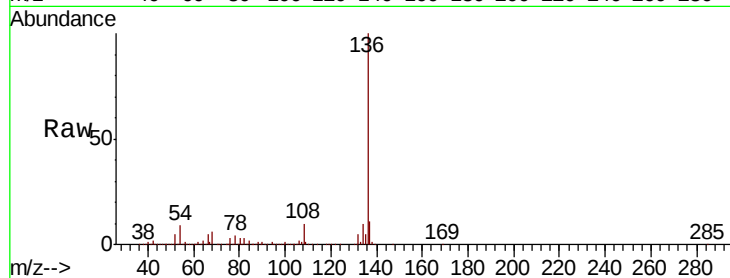
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.5 8.4 12.6

68 6.0 5.0 7.4

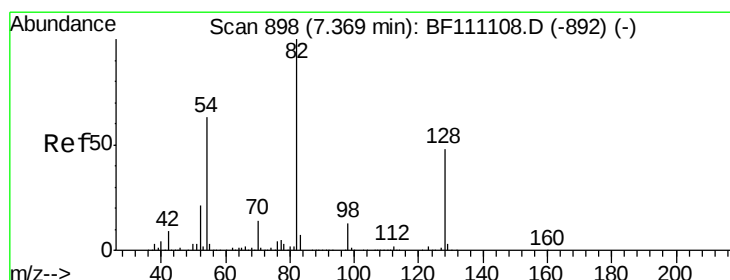
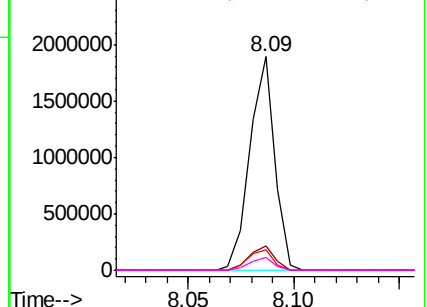


Abundance Ion 136.00 (135.70 to 136.70): E

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: 119.527 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

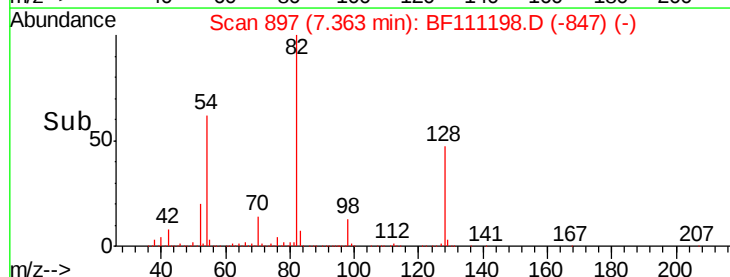
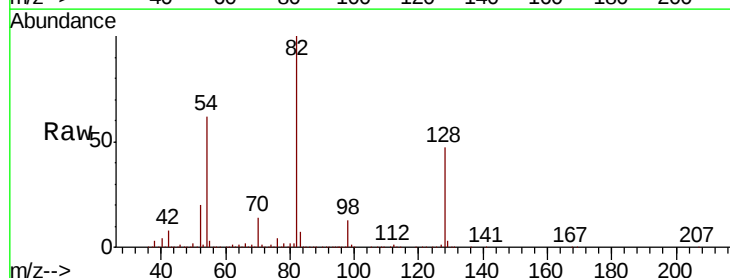
Tgt Ion: 82 Resp: 3125658

Ion Ratio Lower Upper

82 100

128 47.2 38.1 57.1

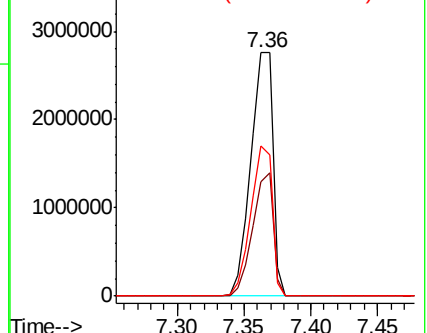
54 61.6 50.3 75.5

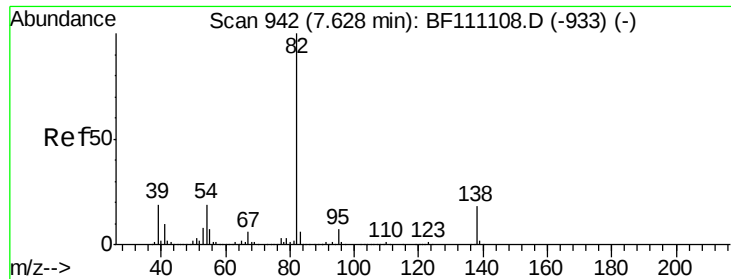


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

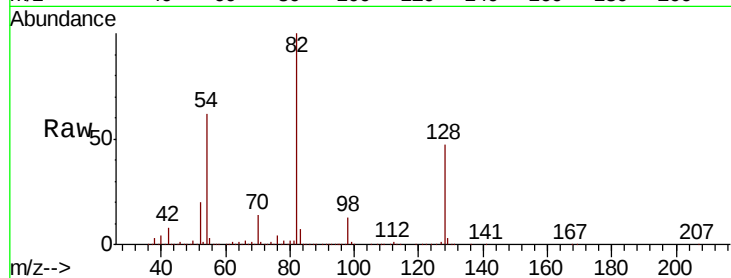




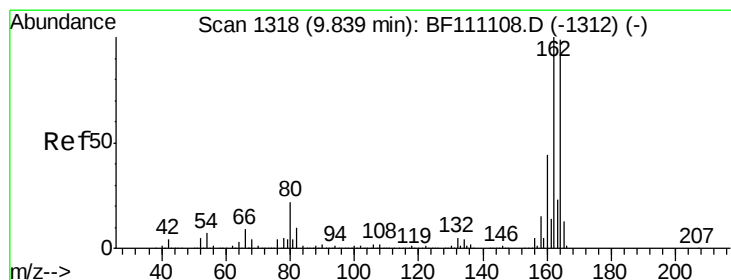
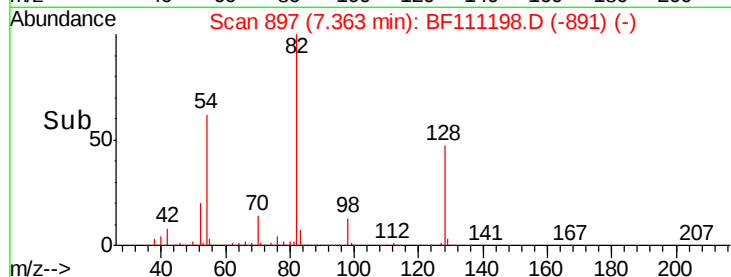
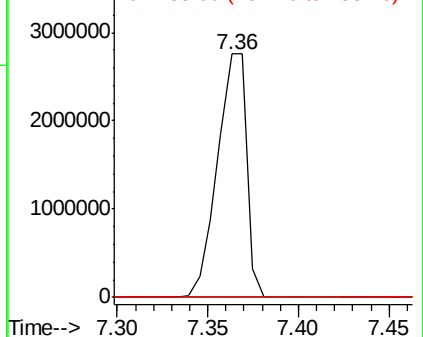
#25
Isophorone
Concen: 64.831 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tgt Ion: 82 Resp: 3111334
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#

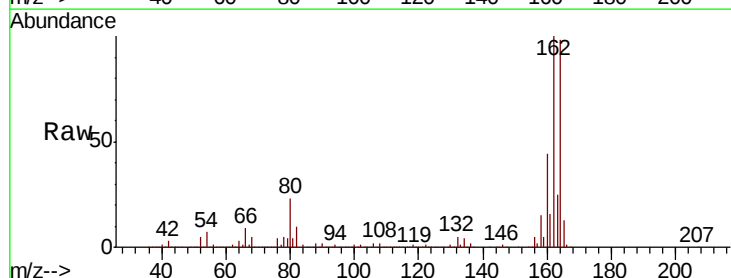


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

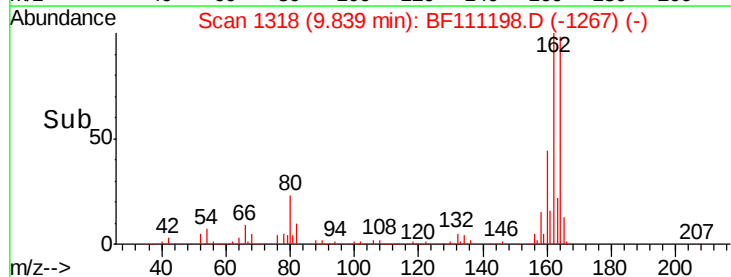
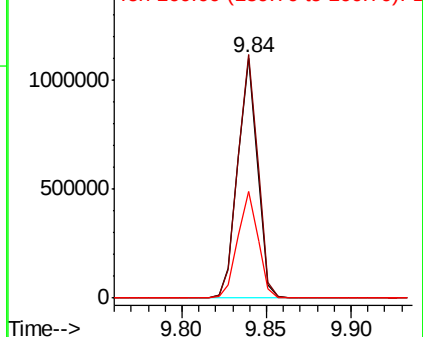


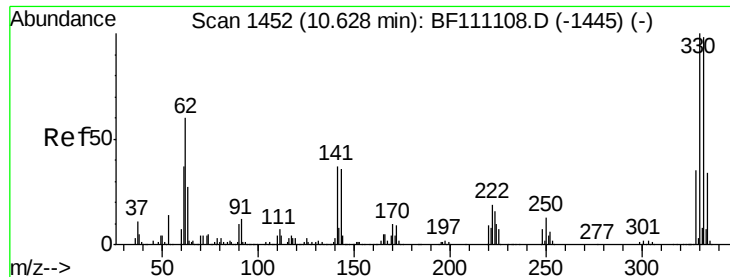
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion: 164 Resp: 886624
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 44.3 35.5 53.3



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: 146.164 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

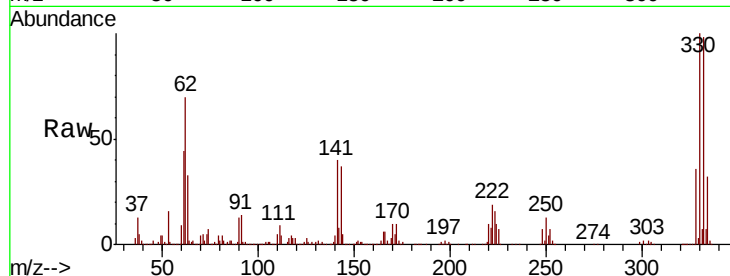
Tgt Ion:330 Resp: 1030111

Ion Ratio Lower Upper

330 100

332 97.4 77.2 115.8

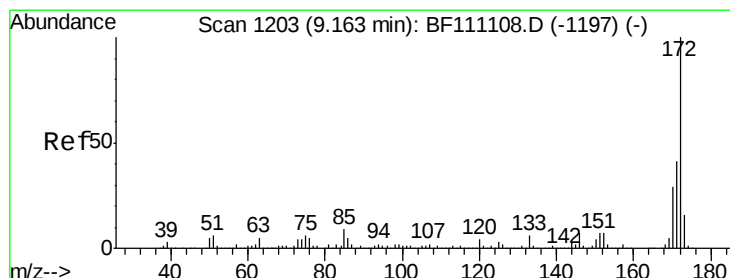
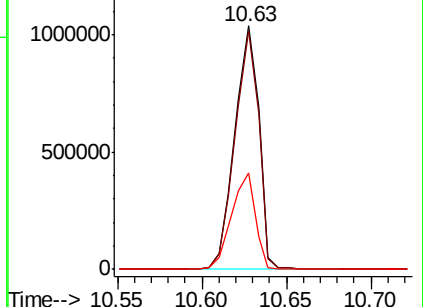
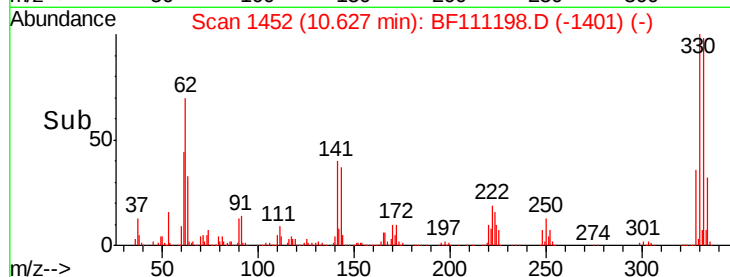
141 39.3 36.1 54.1



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: 81.241 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

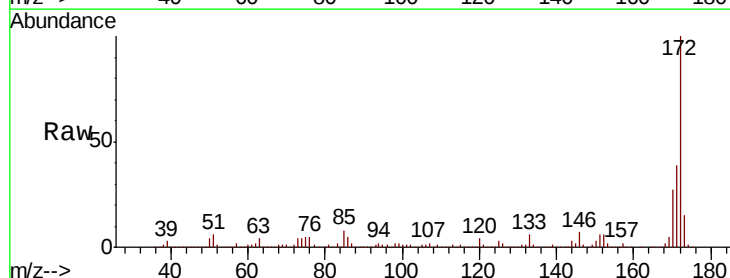
Tgt Ion:172 Resp: 3921746

Ion Ratio Lower Upper

172 100

171 39.5 33.2 49.8

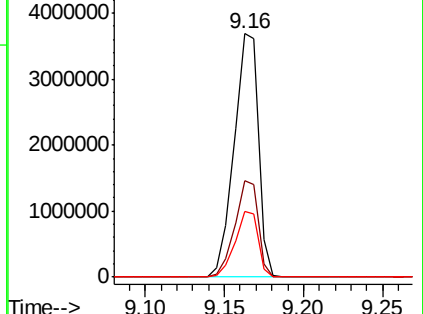
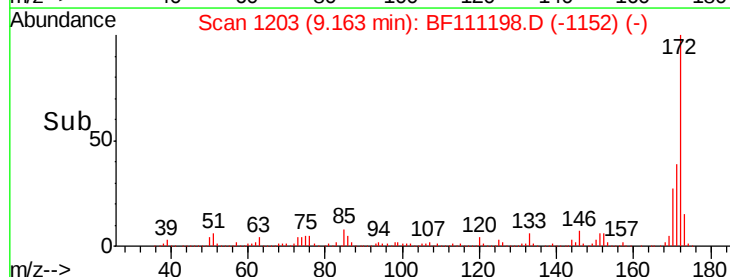
170 26.9 22.9 34.3

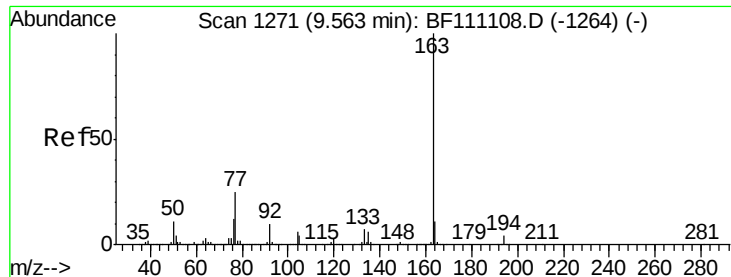


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

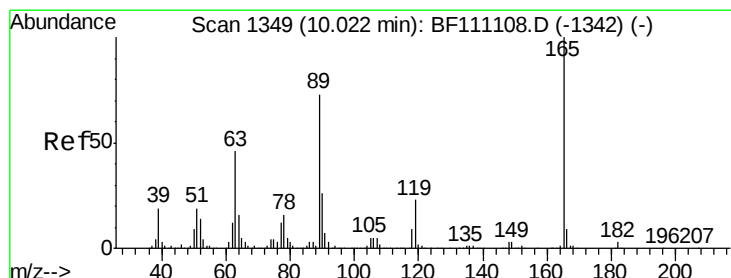
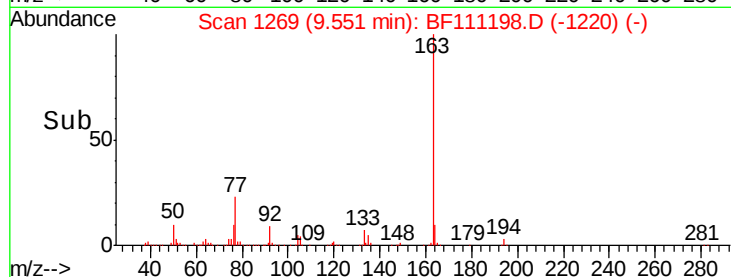
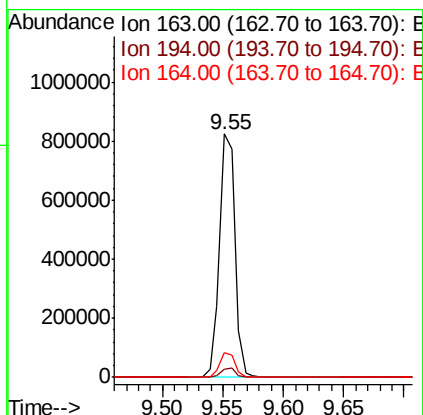
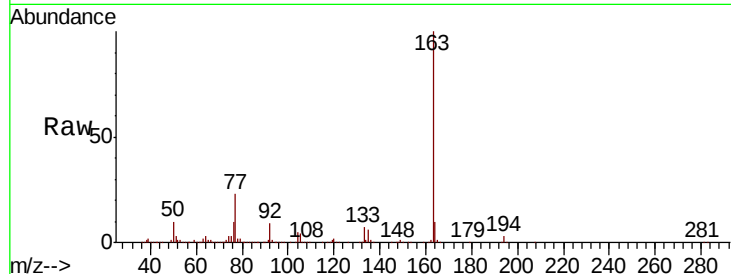




#50
Dimethylphthalate
Concen: 11.765 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

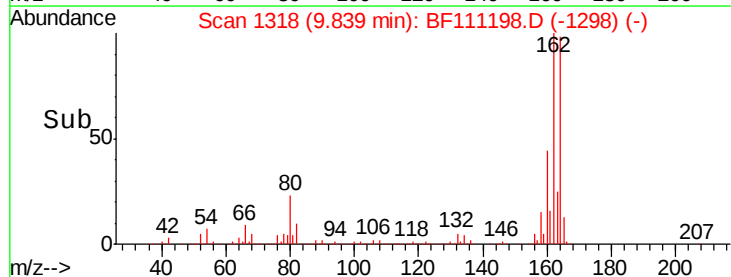
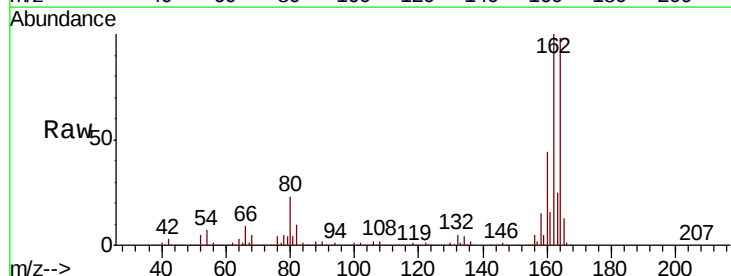
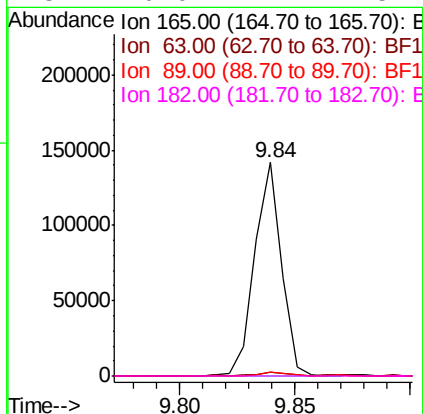
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

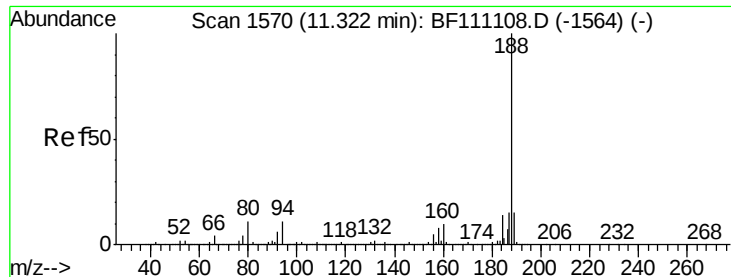
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.9	13.3



#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	1.6	58.4	87.6#
182	0.0	2.1	3.1#

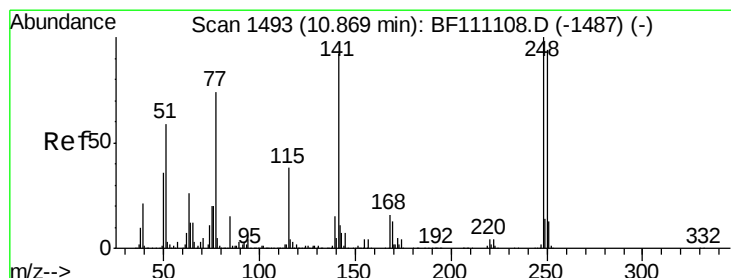
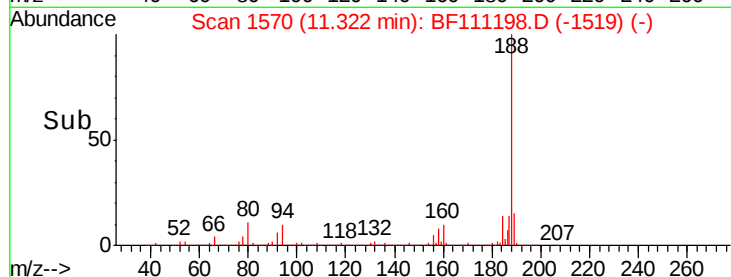
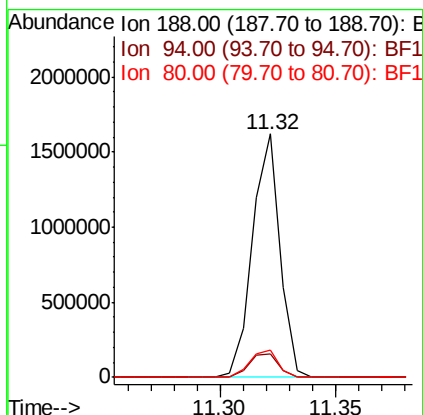
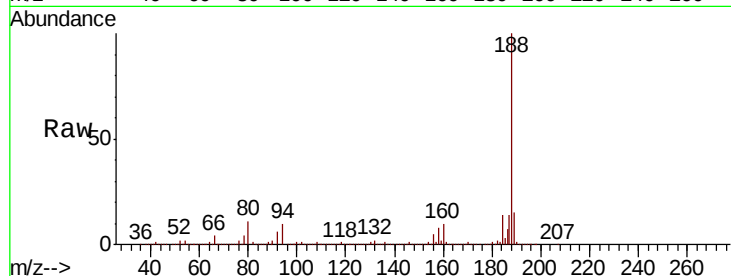




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

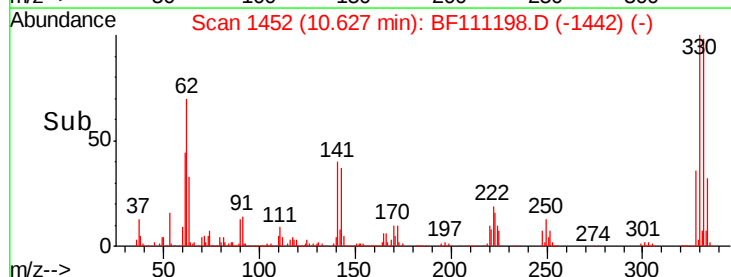
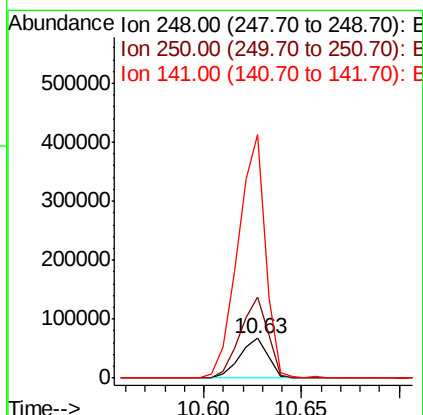
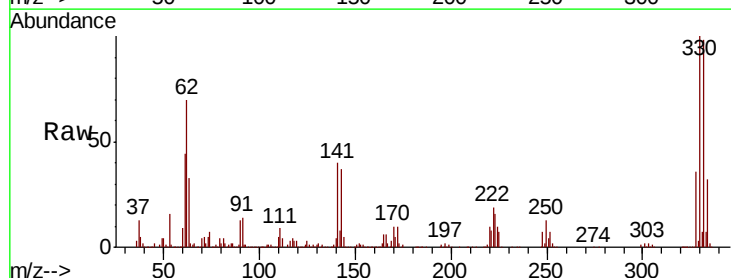
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

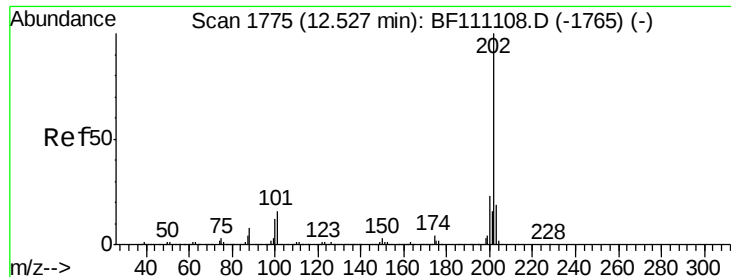
Tgt Ion:188 Resp: 1348302
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 11.0 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 4.726 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion:248 Resp: 67453
Ion Ratio Lower Upper
248 100
250 203.2 75.4 113.0#
141 608.8 73.8 110.6#





#75

Fluoranthene

Concen: 3.064 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

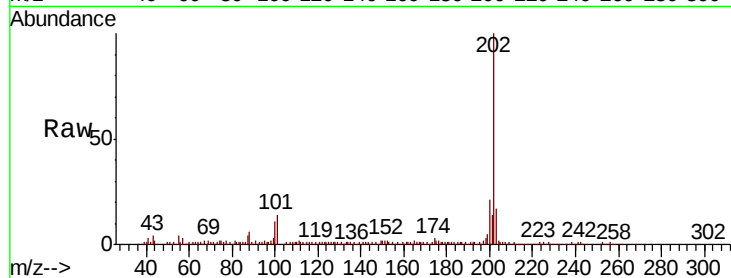
Tgt Ion:202 Resp: 194445

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.8

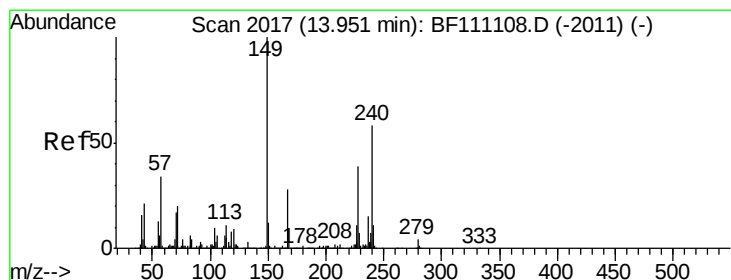
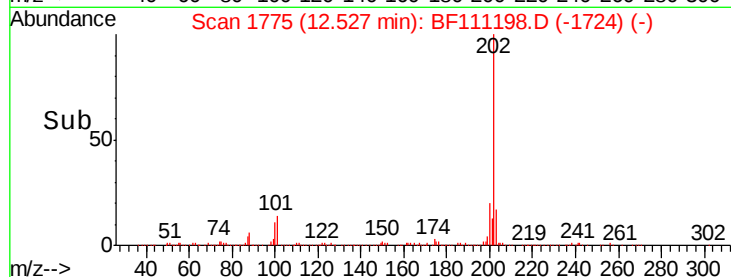
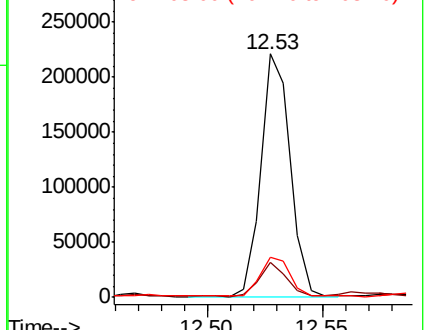
203 16.7 0.0 38.6



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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

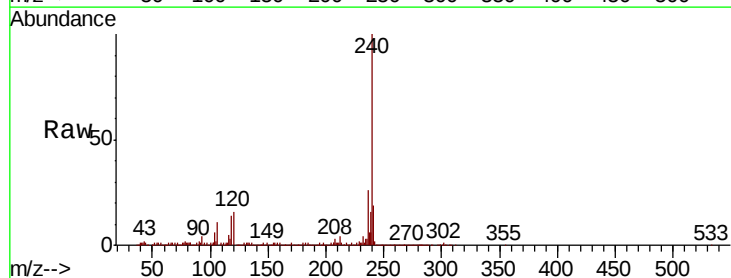
Tgt Ion:240 Resp: 1112820

Ion Ratio Lower Upper

240 100

120 15.9 12.8 19.2

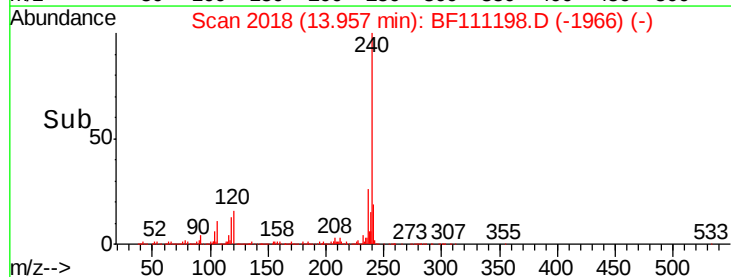
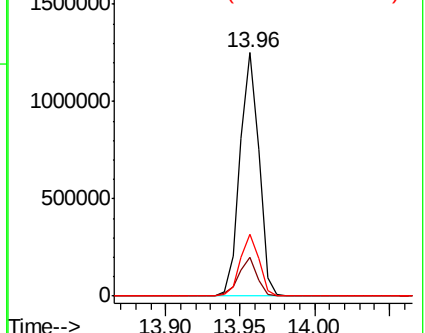
236 25.6 21.1 31.7

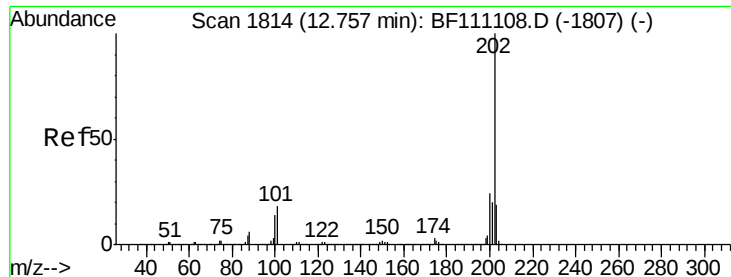


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 2.097 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

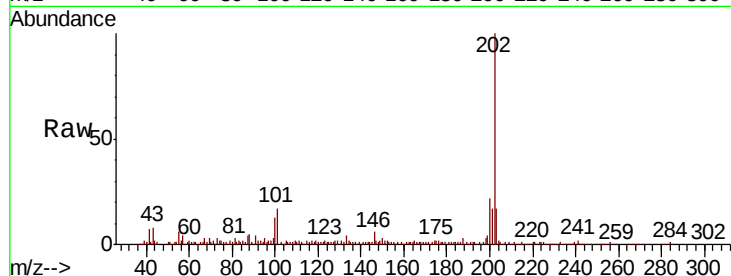
Tgt Ion:202 Resp: 181844

Ion Ratio Lower Upper

202 100

200 21.6 19.3 28.9

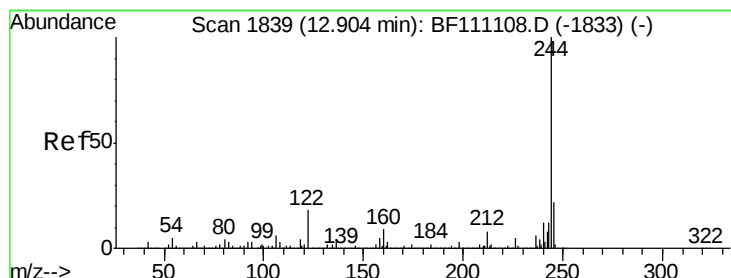
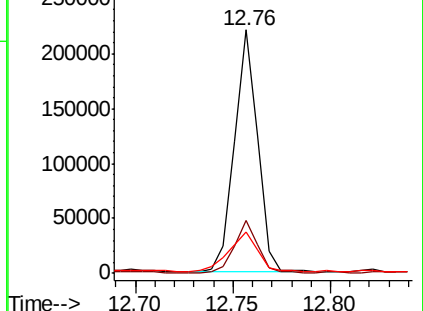
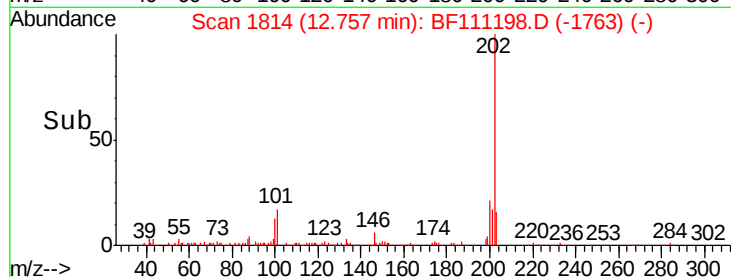
203 17.0 15.4 23.2



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: 63.287 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

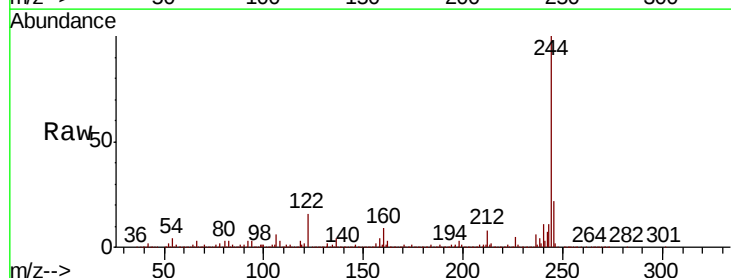
Tgt Ion:244 Resp: 3438855

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

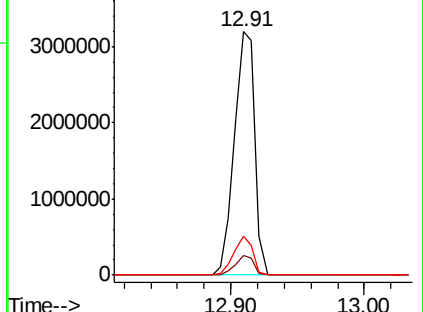
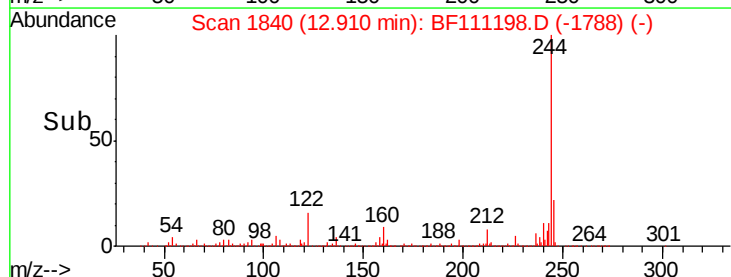
122 16.0 14.2 21.2

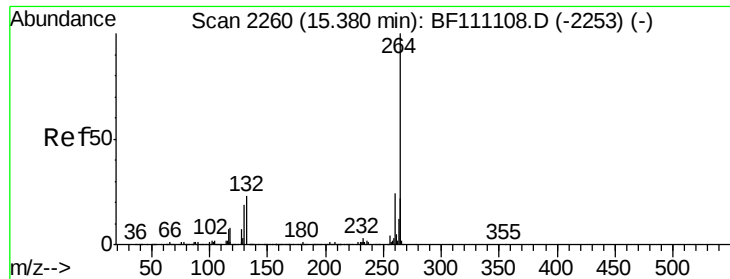


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

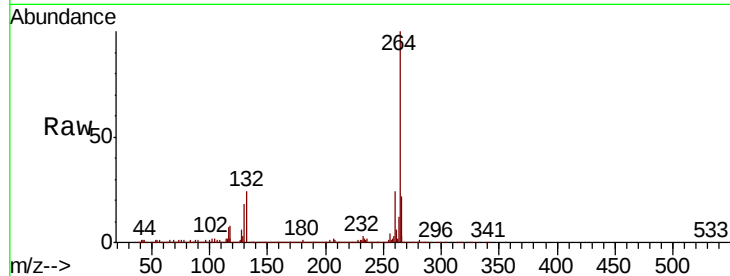
Tgt Ion:264 Resp: 925670

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.1 17.4 26.0

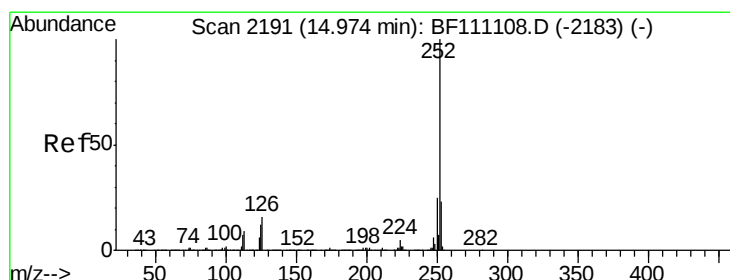
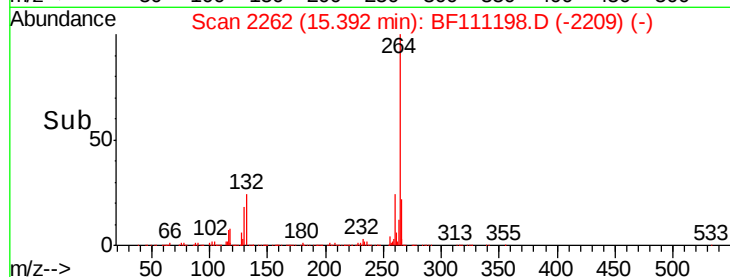
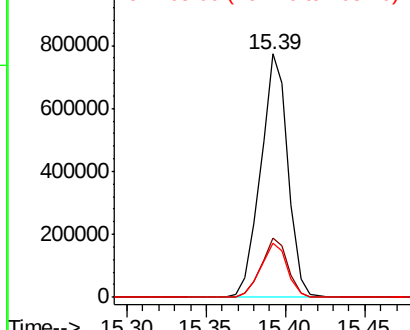


Abundance

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: 2.780 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

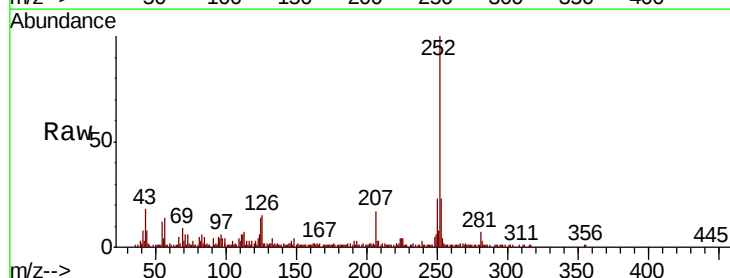
Tgt Ion:252 Resp: 145826

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

125 14.5 9.9 14.9

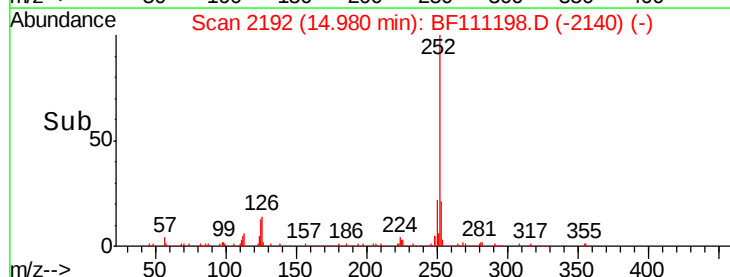
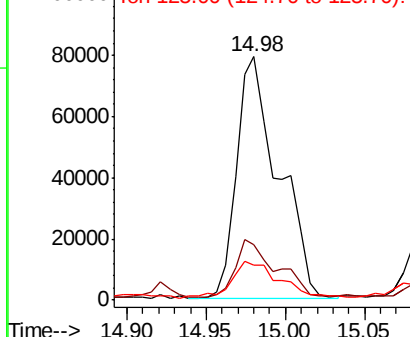


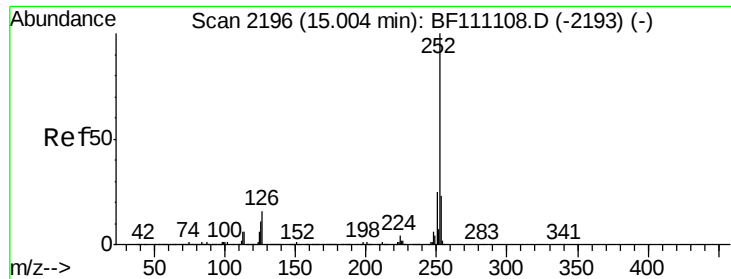
Abundance

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: 2.876 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

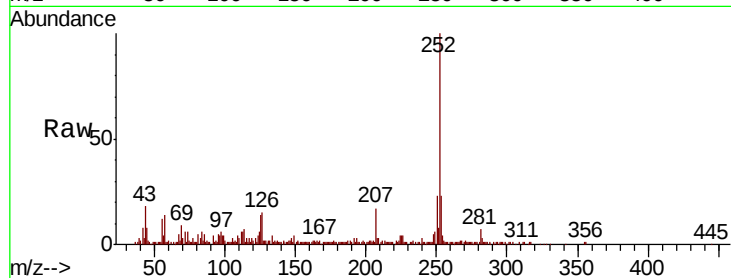
Tgt Ion: 252 Resp: 145826

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 14.5 9.9 14.9



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

