

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120718\
 Data File : BF111192.D
 Acq On : 7 Dec 2018 17:42
 Operator : JU/SJ
 Sample : J6214-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Quant Time: Dec 07 22:25:19 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

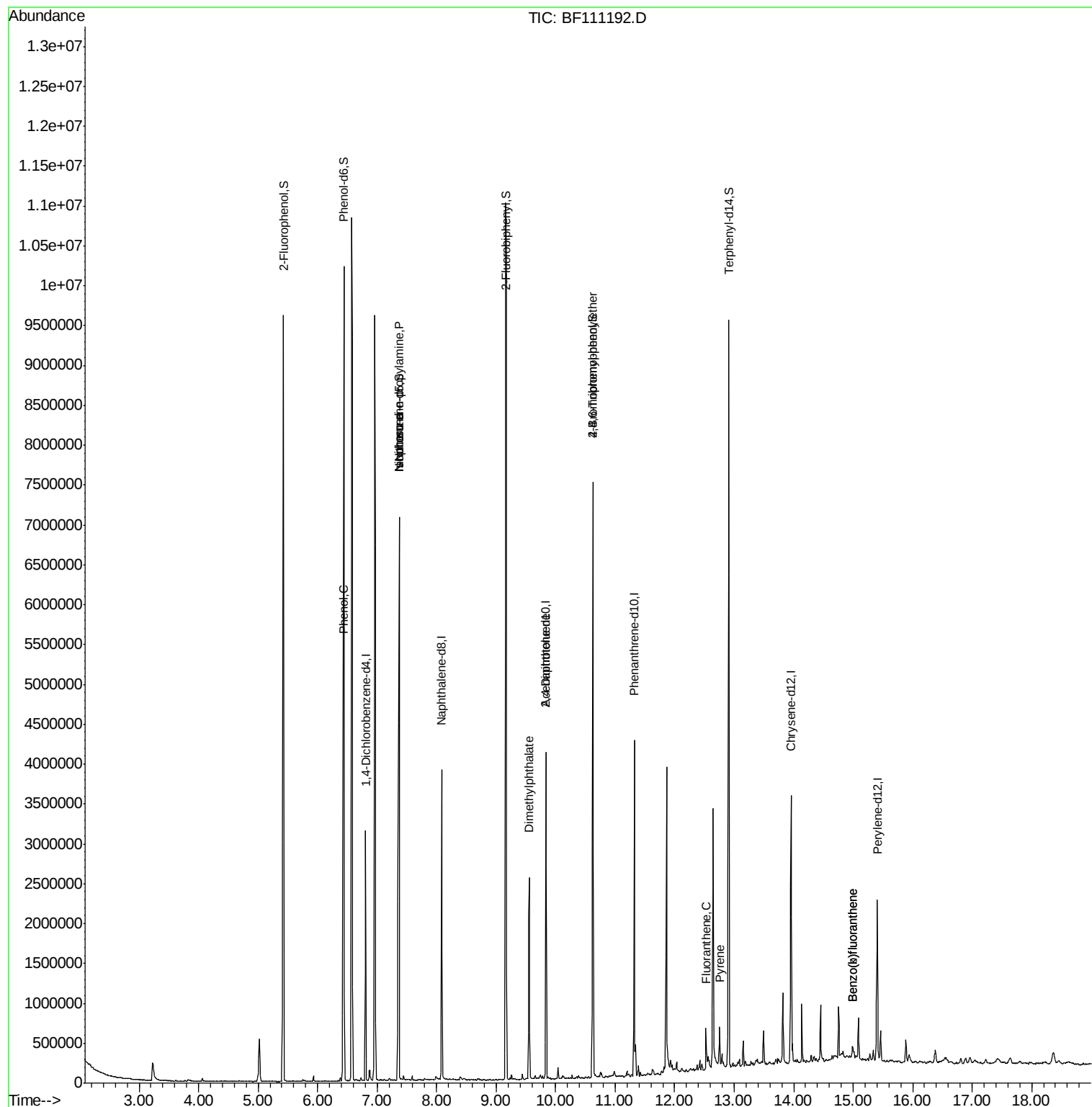
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	390873	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1550194	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	753546	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1374235	20.00	ng	0.00
76) Chrysene-d12	13.96	240	997100	20.00	ng	0.00
87) Perylene-d12	15.40	264	895516	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2886977	115.25	ng	0.01
7) Phenol-d6	6.44	99	3741726	115.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	2526559	96.49	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	813169	135.76	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3528346	87.01	ng	0.00
79) Terphenyl-d14	12.91	244	3046228	62.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	7945	Below Cal		Qvalue
10) Phenol	6.45	94	267400	7.600	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	348208	16.058	ng	# 76
25) Isophorone	7.37	82	2515961	52.357	ng	# 65
50) Dimethylphthalate	9.56	163	946363	18.045	ng	97
57) 2,4-Dinitrotoluene	9.84	165	96360	6.710	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	52949	3.640	ng	# 1
75) Fluoranthene	12.53	202	197800	3.058	ng	94
78) Pyrene	12.76	202	187190	2.410	ng	94
88) Benzo(b)fluoranthene	14.99	252	111794	2.203	ng	98
89) Benzo(k)fluoranthene	14.99	252	111794	2.279	ng	99

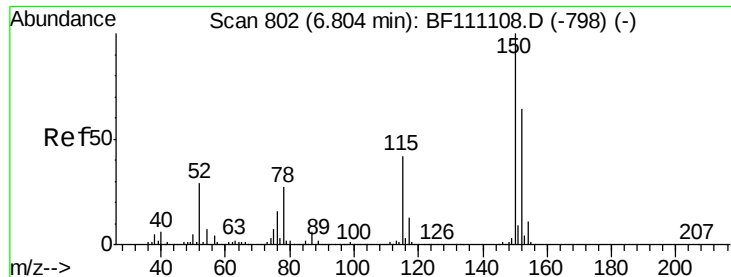
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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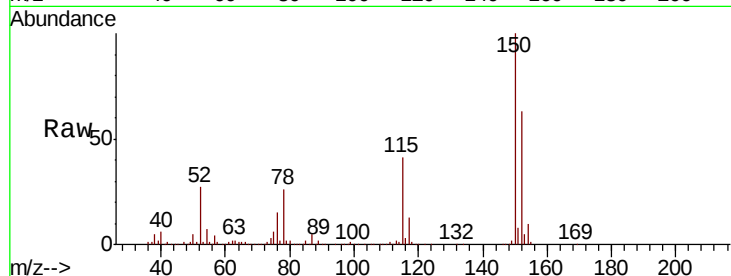


#1

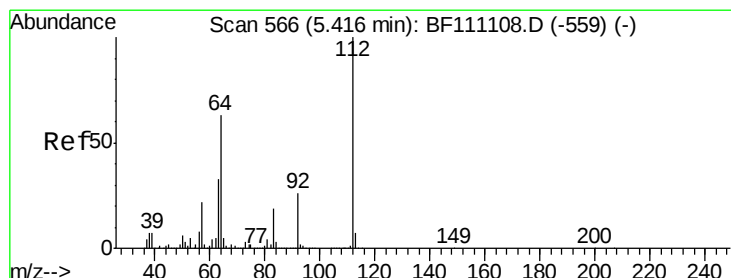
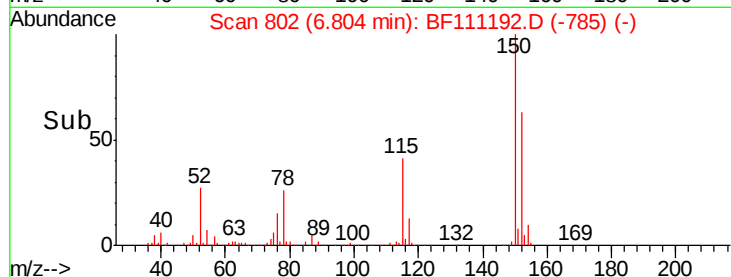
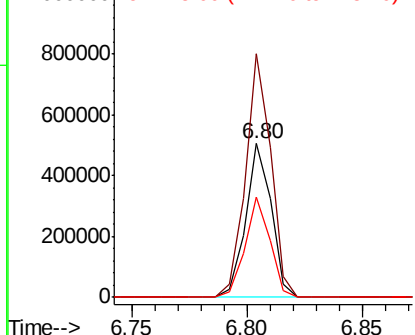
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tgt Ion:152 Resp: 390873
Ion Ratio Lower Upper
152 100
150 158.7 124.6 187.0
115 65.1 52.2 78.2



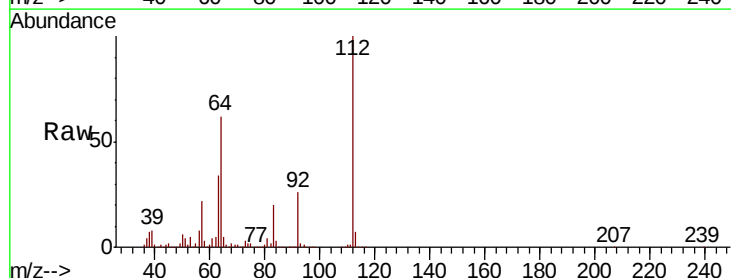
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



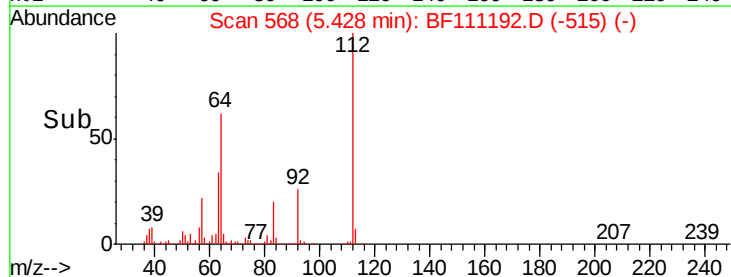
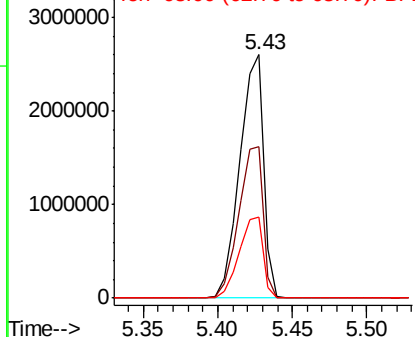
#5

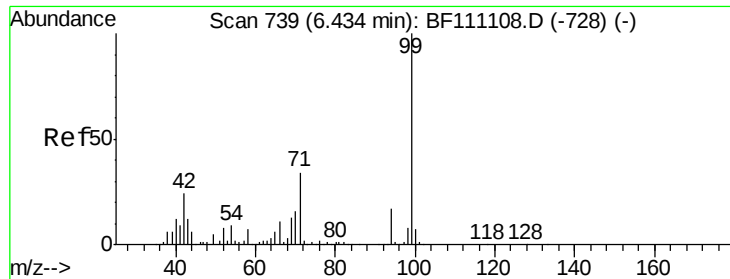
2-Fluorophenol
Concen: 115.255 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:112 Resp: 2886977
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.4
63 33.5 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: 115.961 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111192.D

Acq: 7 Dec 2018 17:42

Instrument :

BNA_F

ClientSampleId :

SB-8(13-15)

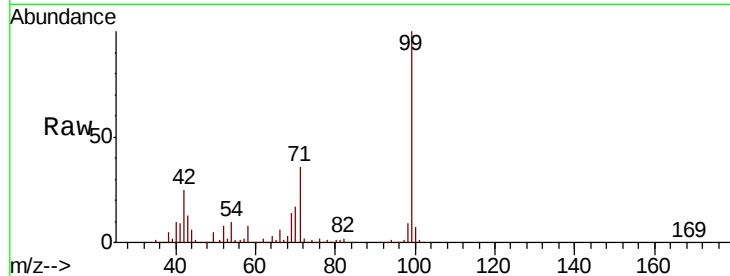
Tgt Ion: 99 Resp: 3741726

Ion Ratio Lower Upper

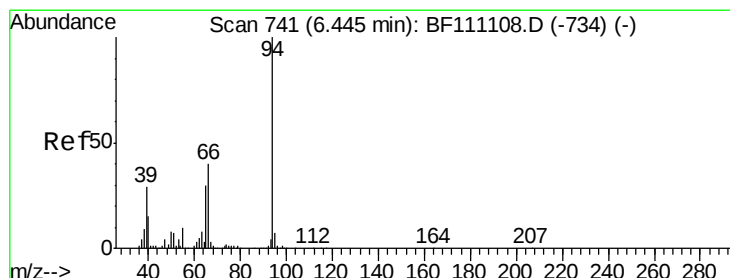
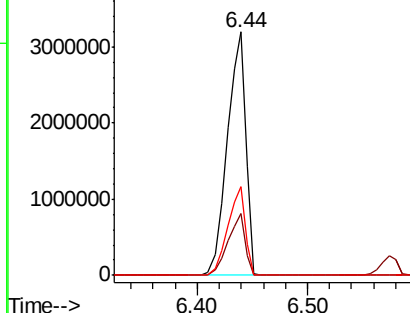
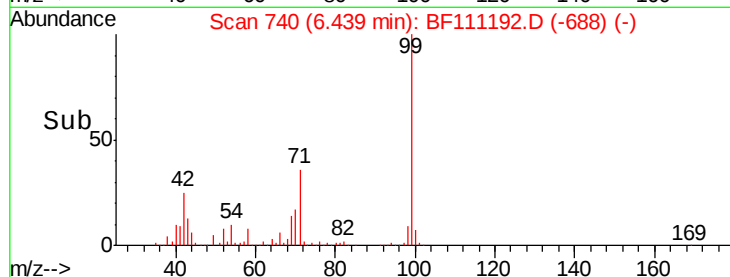
99 100

42 25.2 19.3 28.9

71 36.4 27.4 41.2



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: 7.600 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111192.D

Acq: 7 Dec 2018 17:42

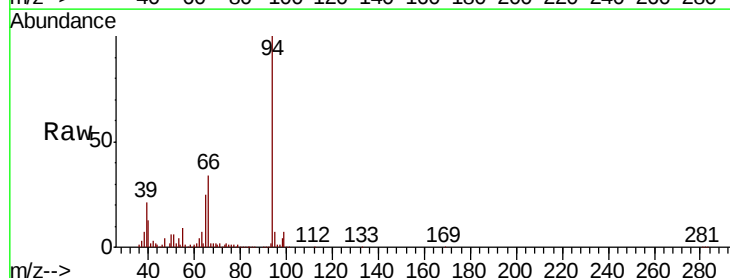
Tgt Ion: 94 Resp: 267400

Ion Ratio Lower Upper

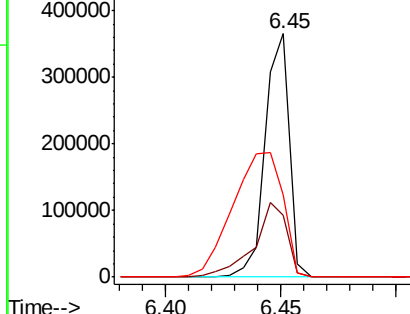
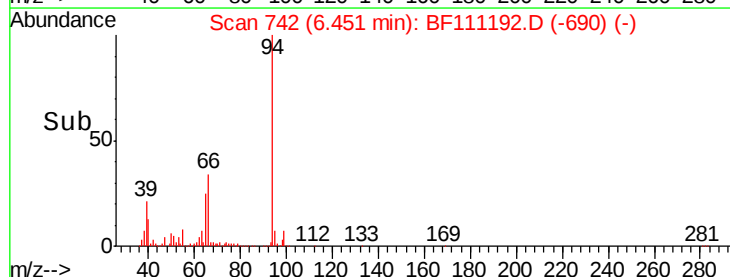
94 100

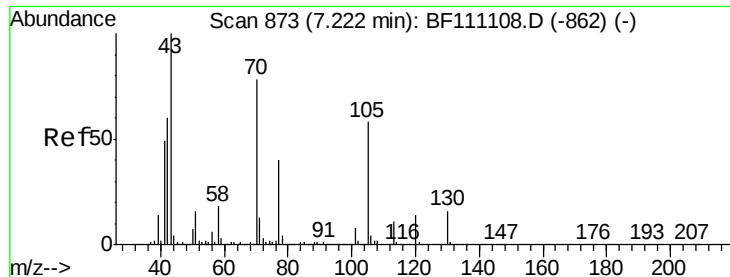
65 25.5 10.5 50.5

66 33.6 19.8 59.8



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

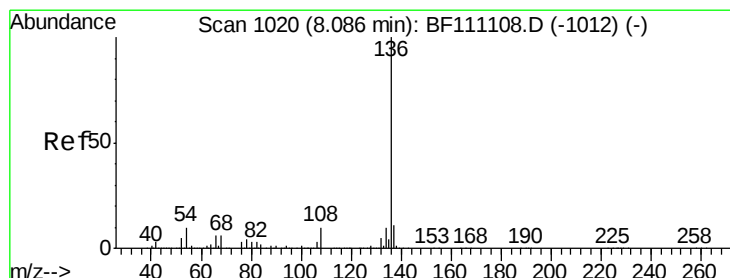
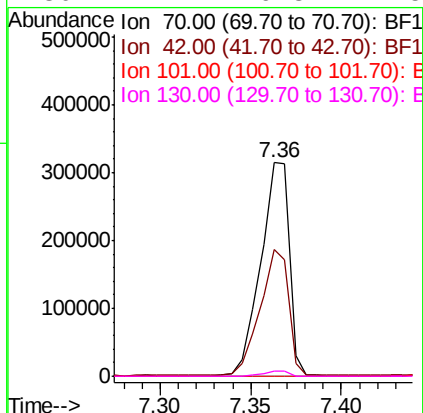
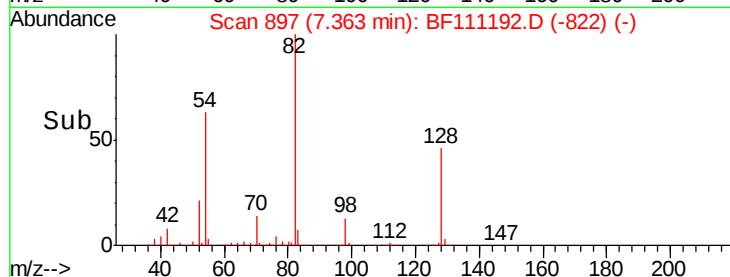
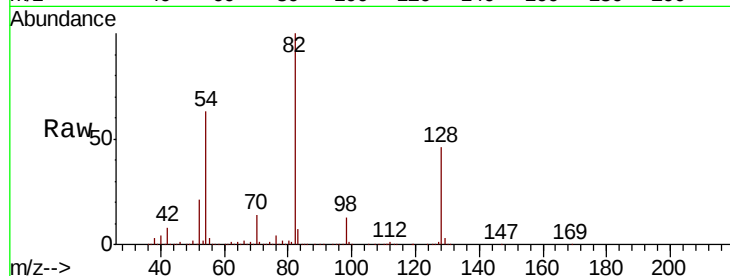




#19
n-Nitroso-di-n-propylamine
Concen: 16.058 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

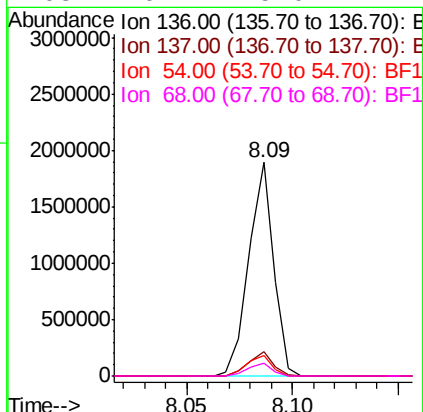
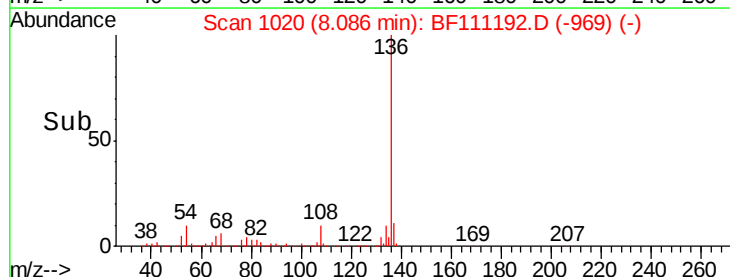
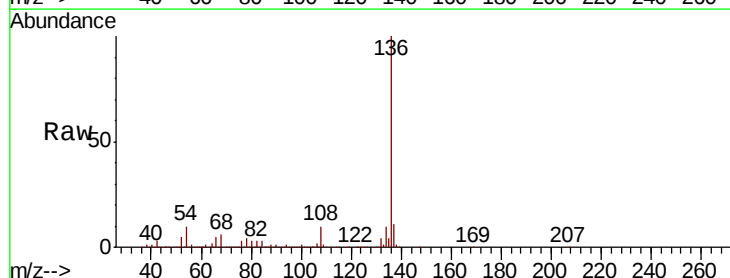
Instrument :
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SB-8(13-15)

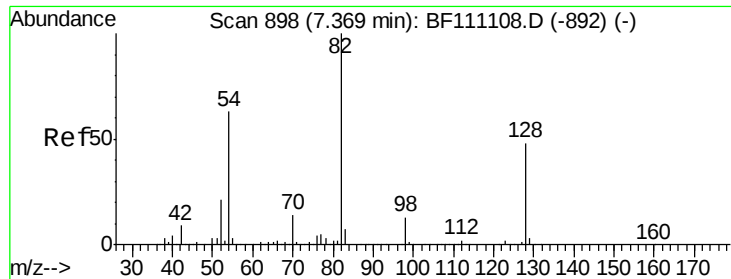
Tgt Ion: 70 Resp: 348208
Ion Ratio Lower Upper
70 100
42 59.4 61.3 91.9#
101 0.0 7.7 11.5#
130 2.1 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion: 136 Resp: 1550194
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.5 8.4 12.6
68 6.1 5.0 7.4

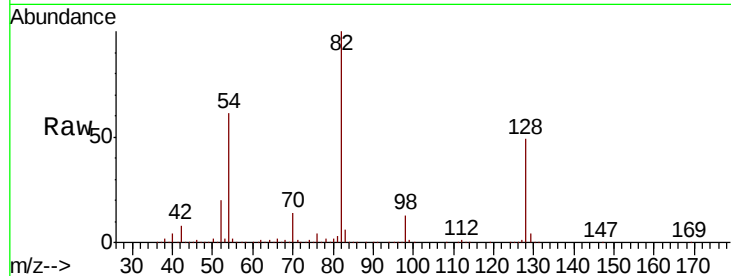




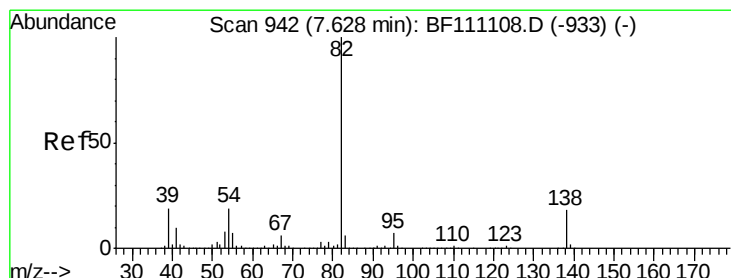
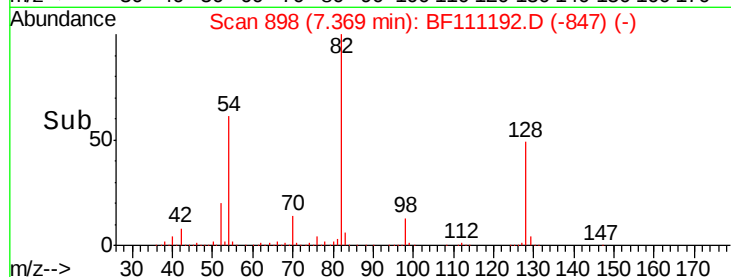
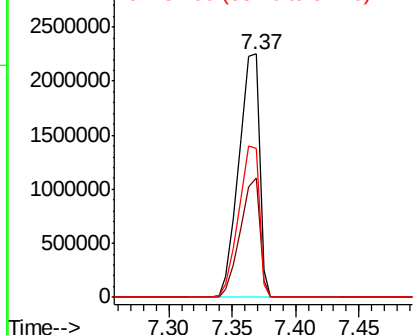
#23
Nitrobenzene-d5
Concen: 96.492 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tgt Ion: 82 Resp: 2526559
Ion Ratio Lower Upper
82 100
128 49.2 38.1 57.1
54 61.0 50.3 75.5

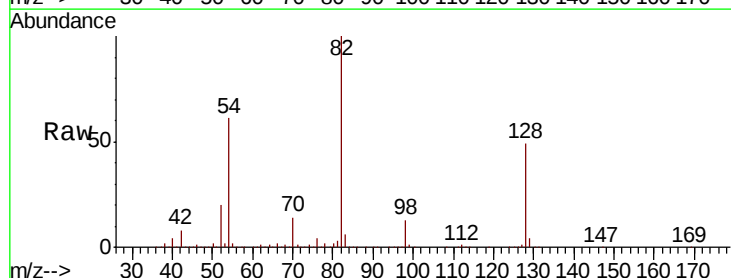


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

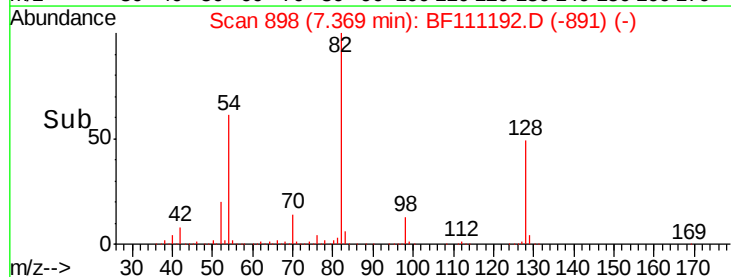
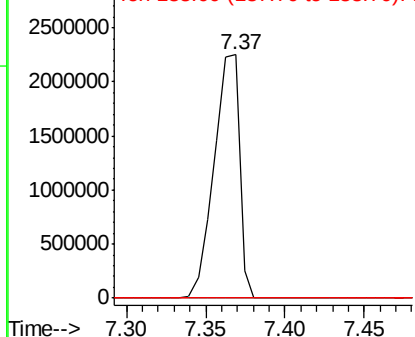


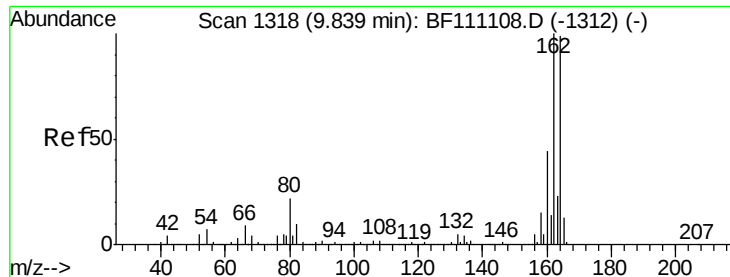
#25
Isophorone
Concen: 52.357 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion: 82 Resp: 2515961
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): BF1

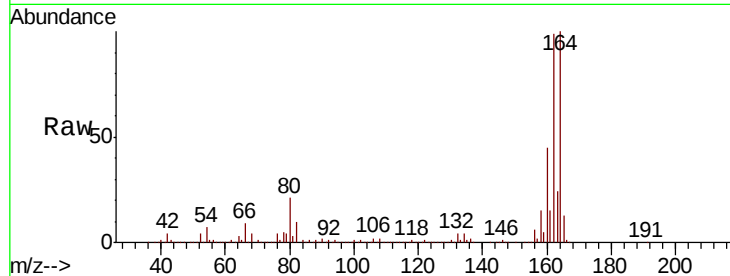




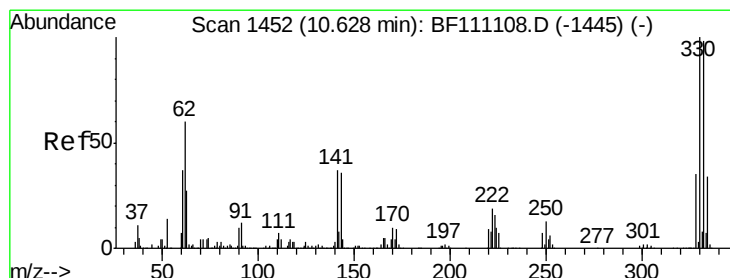
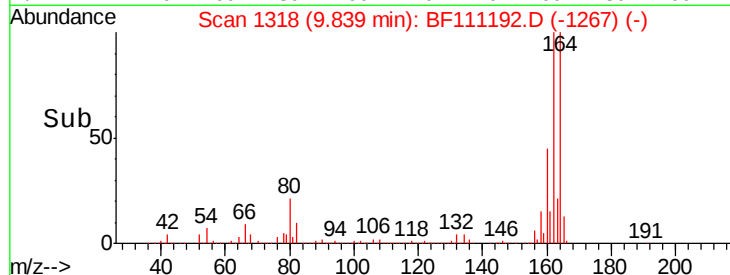
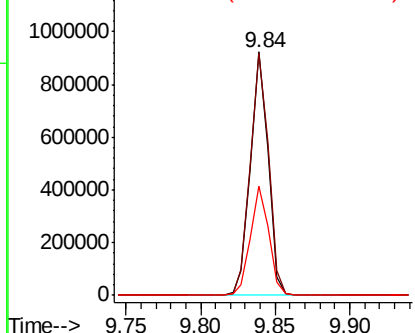
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Tgt Ion:164 Resp: 753546
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 120.8
 160 45.1 35.5 53.3

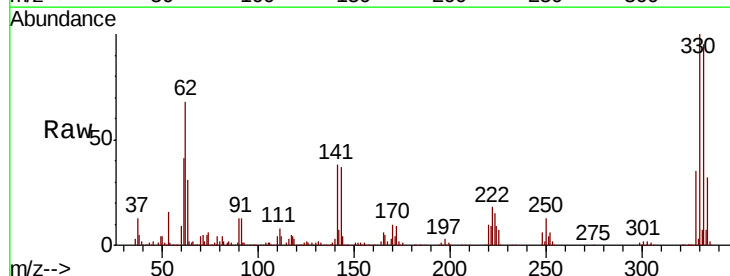


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

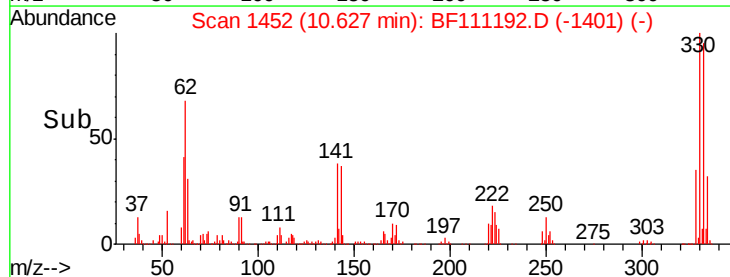
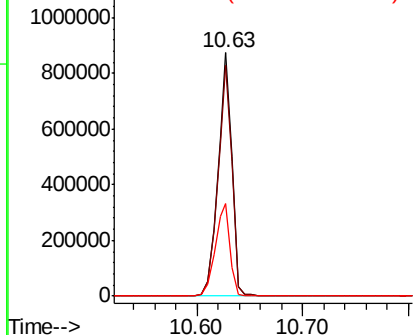


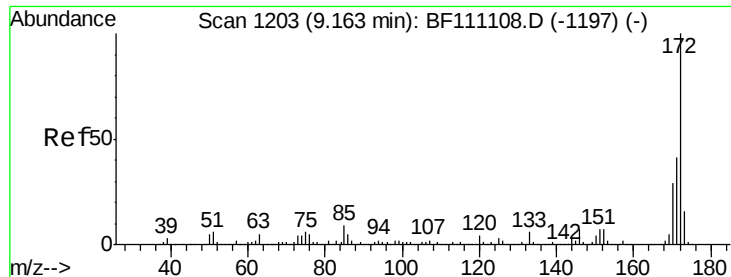
#42
 2,4,6-Tribromophenol
 Concen: 135.758 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Tgt Ion:330 Resp: 813169
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 40.5 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

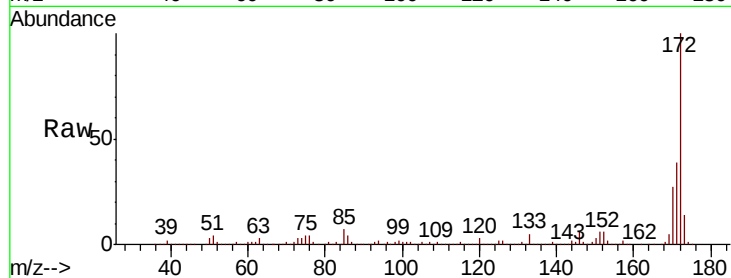




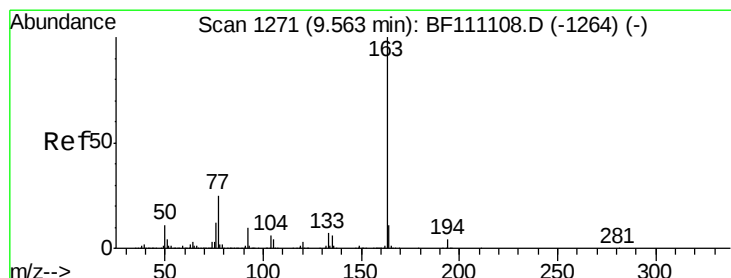
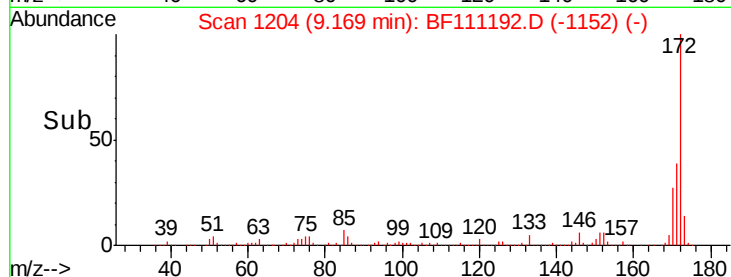
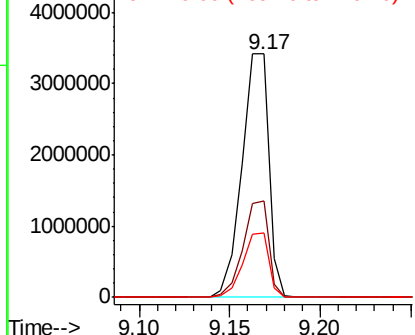
#45
 2-Fluorobiphenyl
 Concen: 87.013 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Tgt Ion:172 Resp: 3528346
 Ion Ratio Lower Upper
 172 100
 171 39.4 33.2 49.8
 170 26.5 22.9 34.3

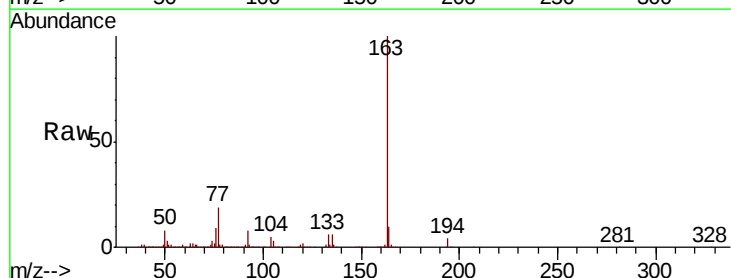


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

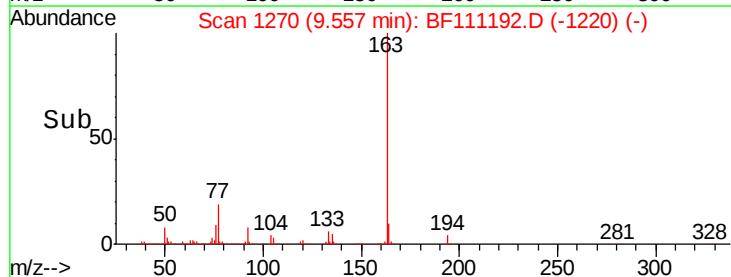
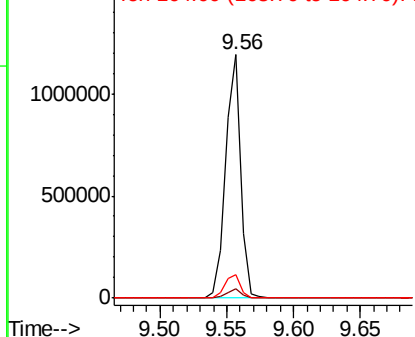


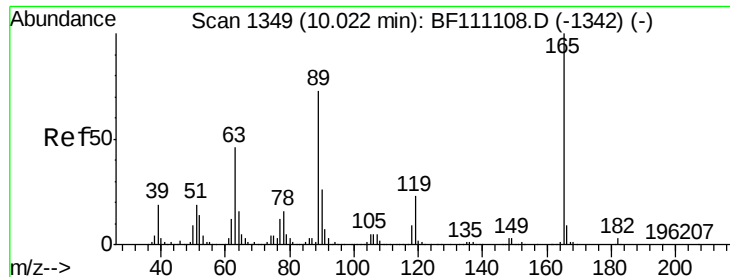
#50
 Dimethylphthalate
 Concen: 18.045 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Tgt Ion:163 Resp: 946363
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.7 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

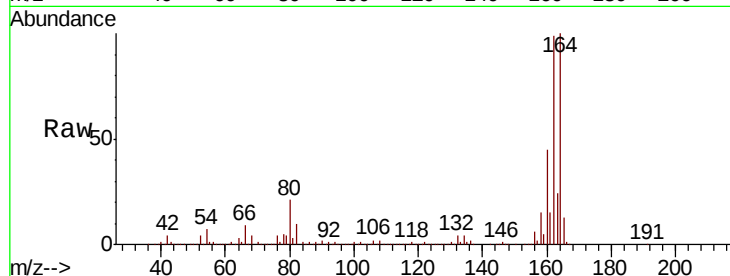




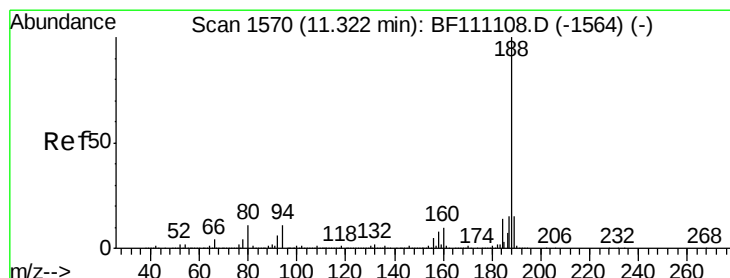
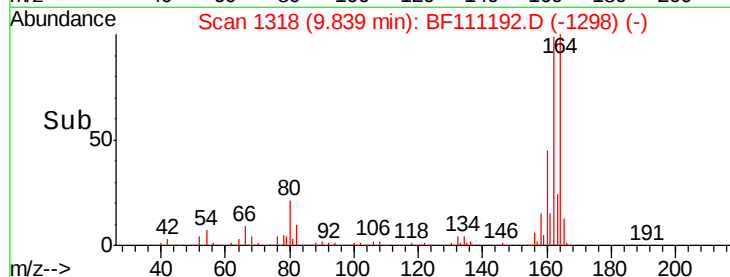
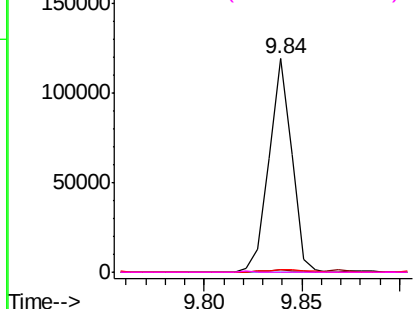
#57
 2,4-Dinitrotoluene
 Concen: 6.710 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.18 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Tgt Ion:	165	Resp:	96360
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.1	58.4	87.6#
182	0.0	2.1	3.1#

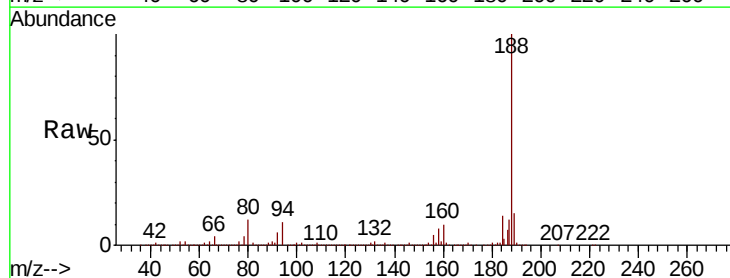


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

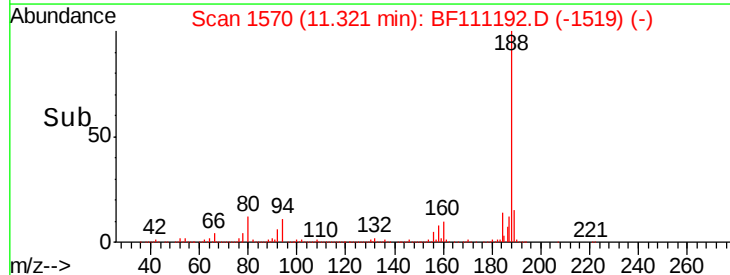
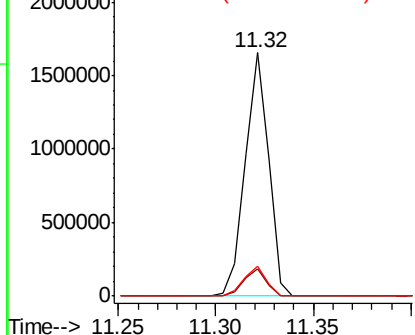


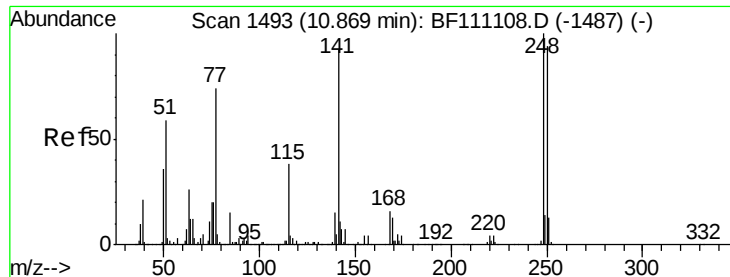
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Tgt Ion:	188	Resp:	1374235
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.1	9.0	13.6



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: 3.640 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF111192.D

Acq: 7 Dec 2018 17:42

Instrument :

BNA_F

ClientSampleId :

SB-8(13-15)

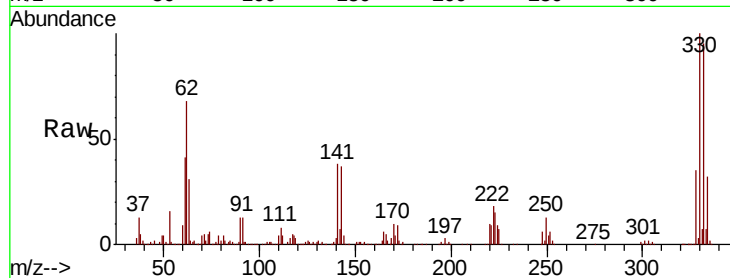
Tgt Ion:248 Resp: 52949

Ion Ratio Lower Upper

248 100

250 215.1 75.4 113.0#

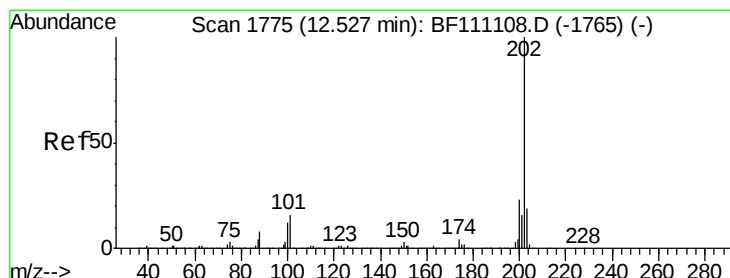
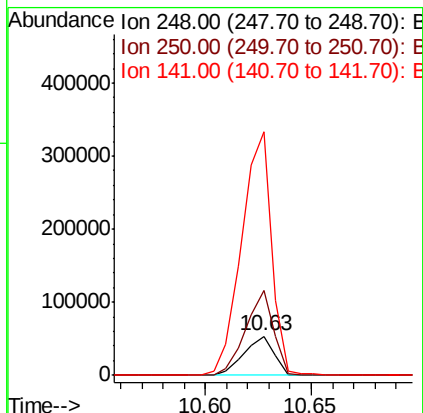
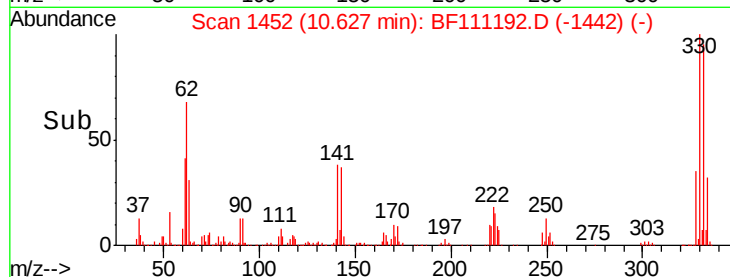
141 619.8 73.8 110.6#



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: 3.058 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111192.D

Acq: 7 Dec 2018 17:42

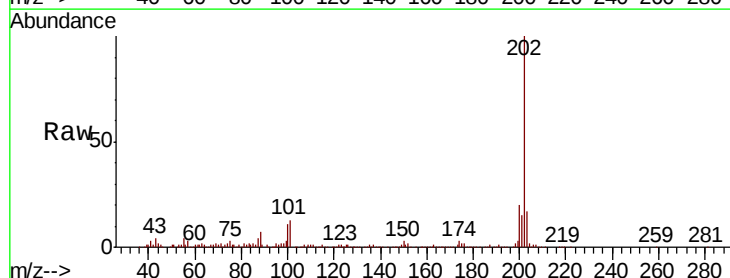
Tgt Ion:202 Resp: 197800

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.8

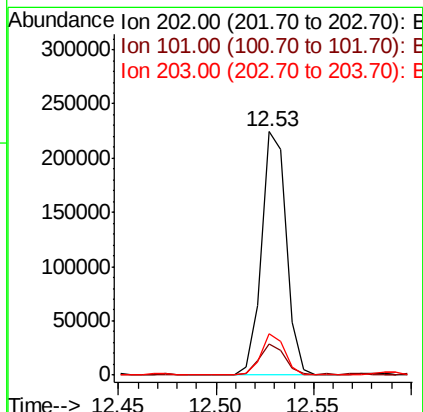
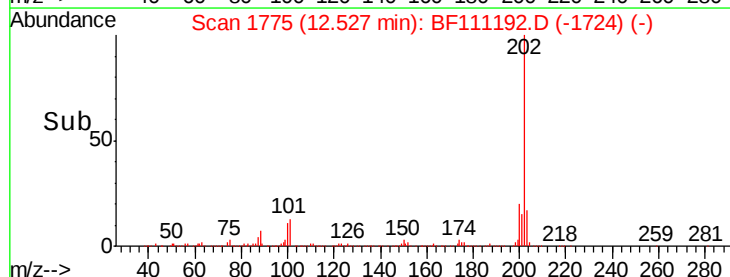
203 16.7 0.0 38.6

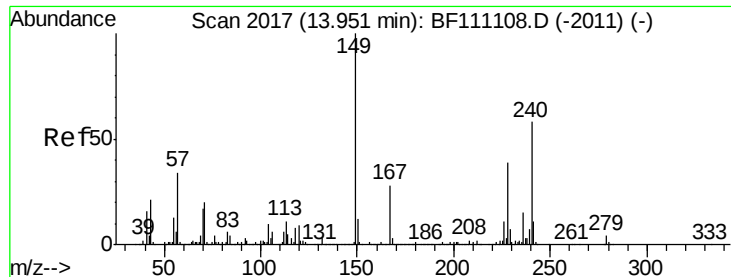


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

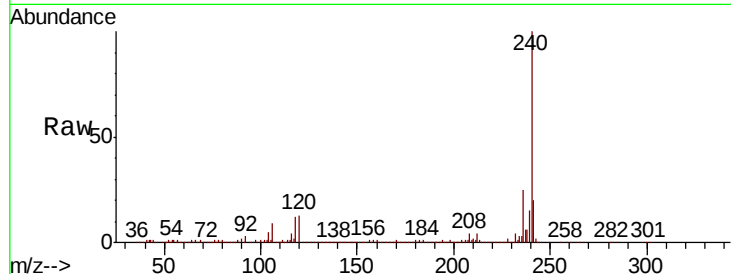




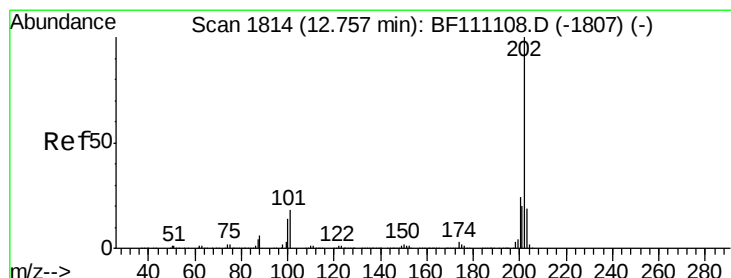
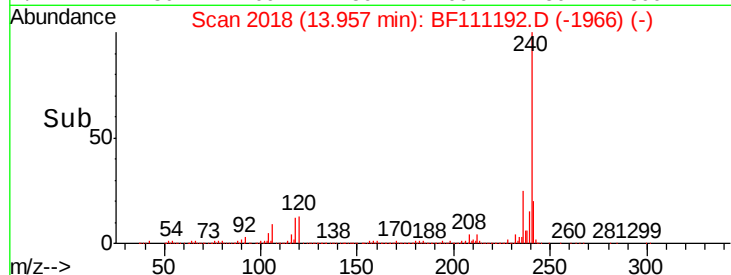
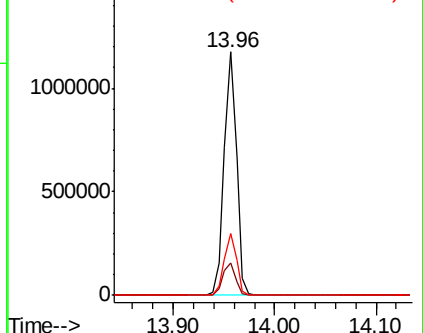
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tgt Ion:240 Resp: 997100
Ion Ratio Lower Upper
240 100
120 13.5 12.8 19.2
236 25.5 21.1 31.7

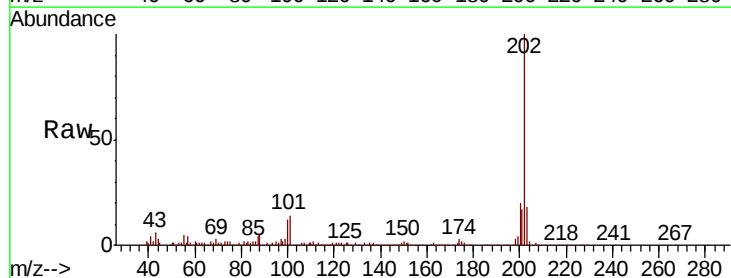


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

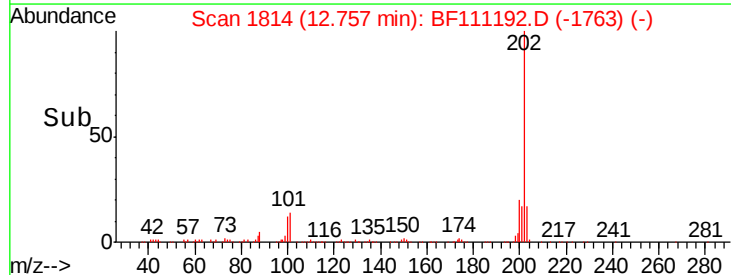
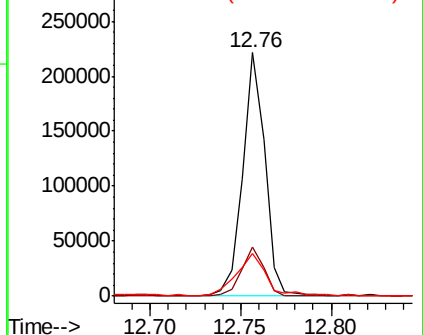


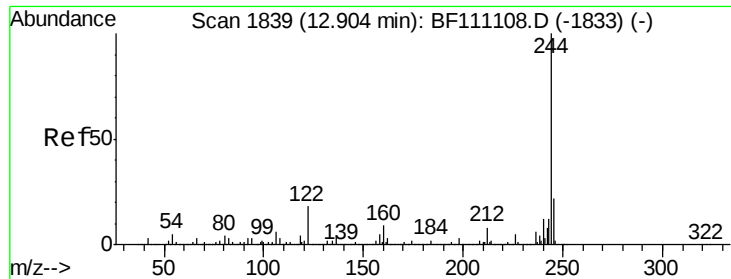
#78
Pyrene
Concen: 2.410 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:202 Resp: 187190
Ion Ratio Lower Upper
202 100
200 20.0 19.3 28.9
203 17.7 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

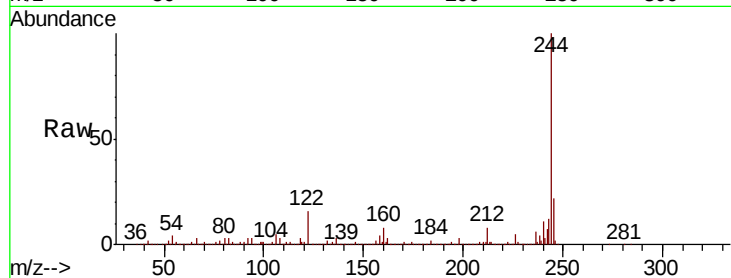




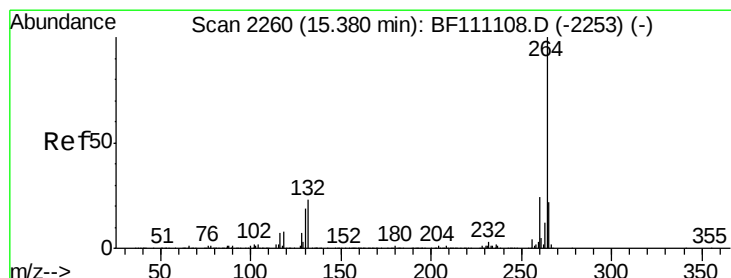
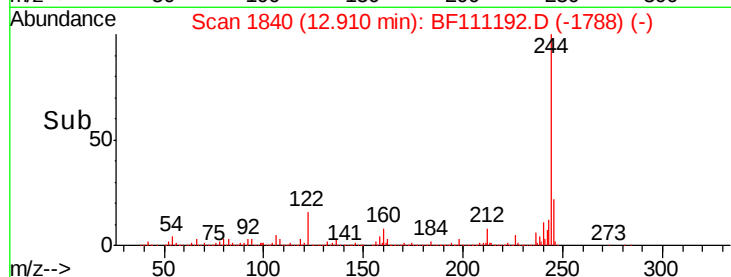
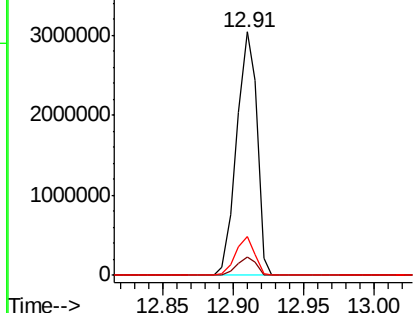
#79
 Terphenyl-d14
 Concen: 62.568 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(13-15)

Tgt Ion:244 Resp: 3046228
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 9.8
 122 15.8 14.2 21.2

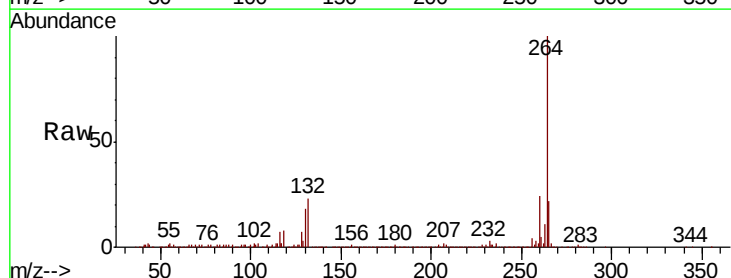


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

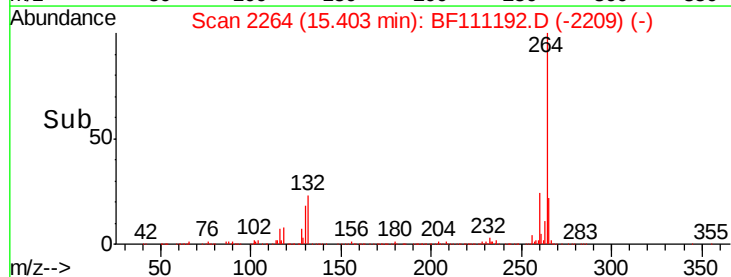
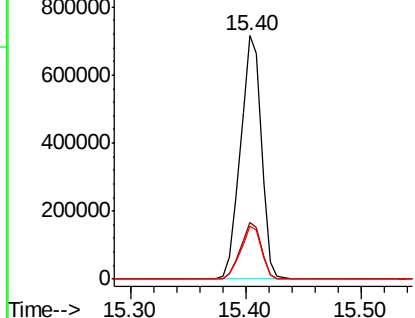


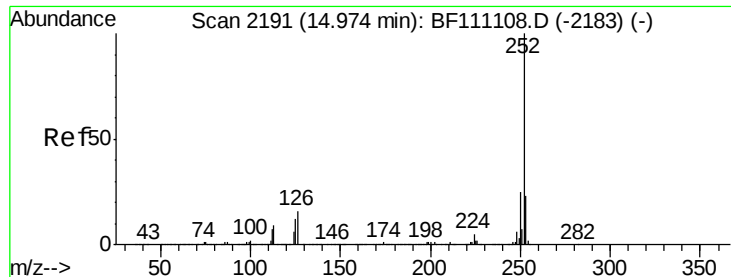
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.02 min
 Lab File: BF111192.D
 Acq: 7 Dec 2018 17:42

Tgt Ion:264 Resp: 895516
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.8 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

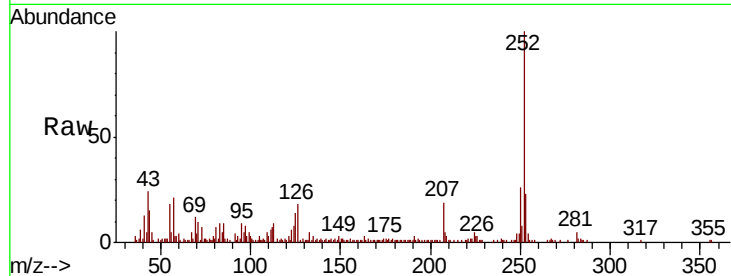




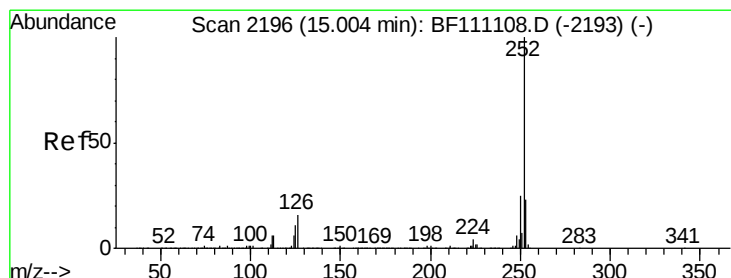
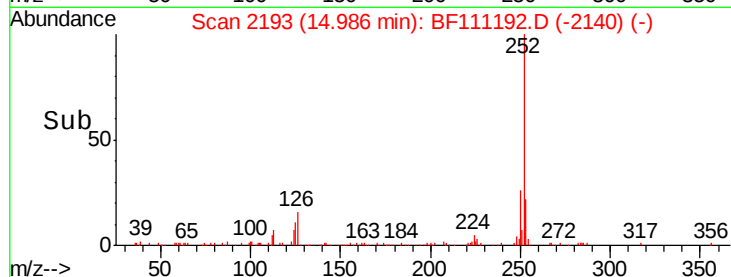
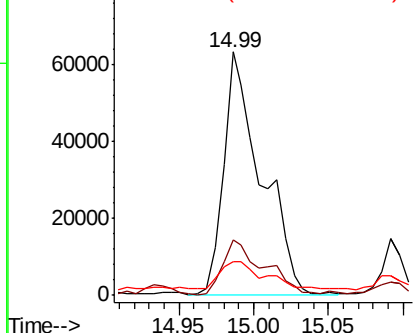
#88
Benzo(b)fluoranthene
Concen: 2.203 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)

Tgt Ion:252 Resp: 111794
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 13.8 9.9 14.9

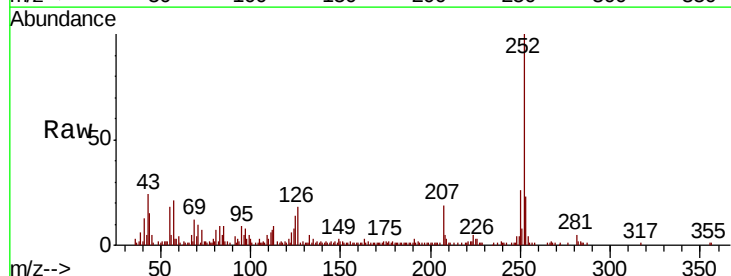


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.279 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111192.D
Acq: 7 Dec 2018 17:42

Tgt Ion:252 Resp: 111794
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 13.8 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

