

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010418\
 Data File : BF101889.D
 Acq On : 4 Jan 2018 14:32
 Operator : SJ/JU
 Sample : J1012-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-A

Quant Time: Jan 04 16:08:56 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

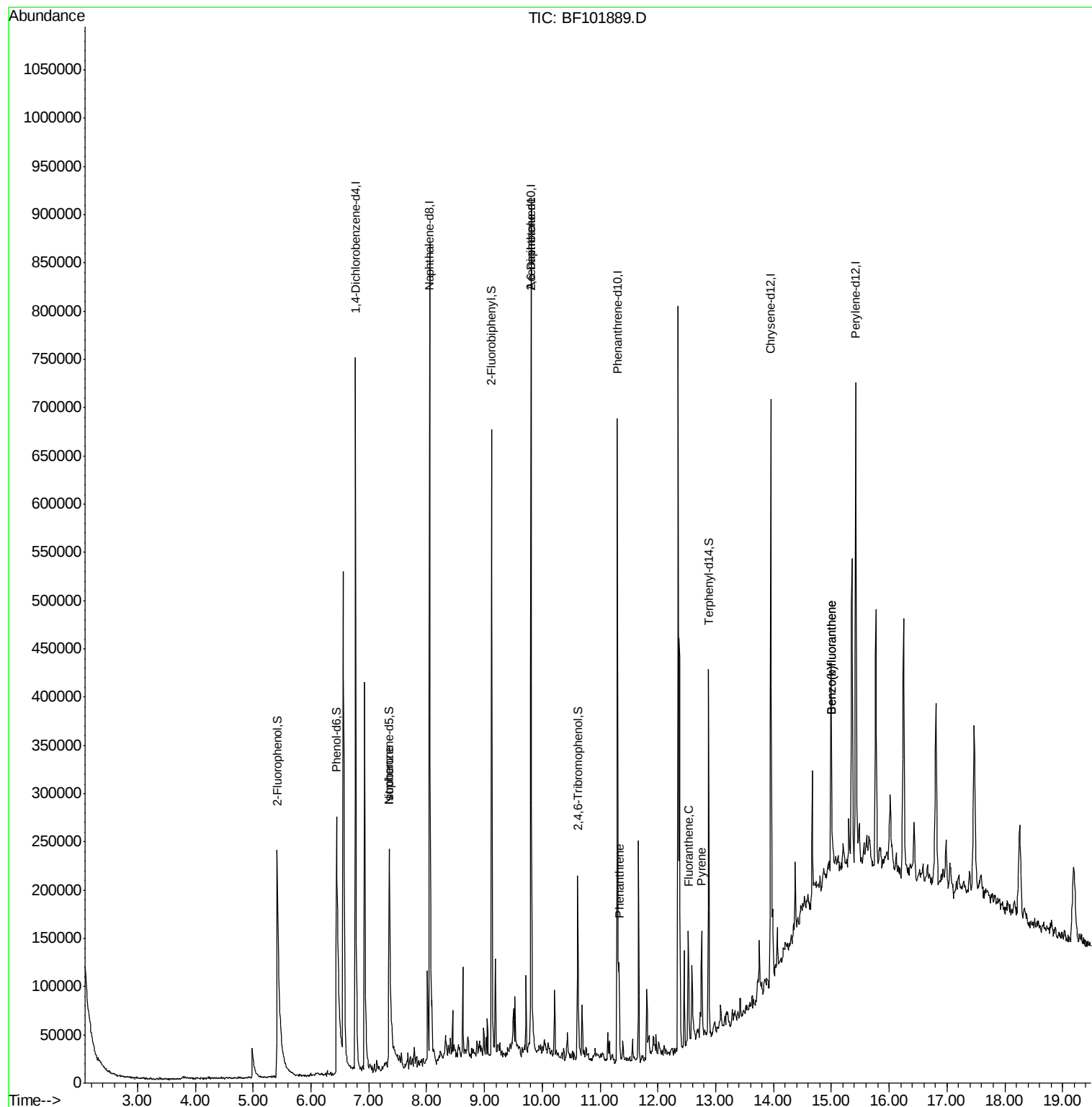
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127495	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	470934	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	181774	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	263023	20.00	ng	0.00
75) Chrysene-d12	13.96	240	233416	20.00	ng	0.00
86) Perylene-d12	15.42	264	281220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	209236	24.45	ng	0.02
7) Phenol-d6	6.44	99	254517	23.89	ng	0.02
23) Nitrobenzene-d5	7.36	82	134655	15.92	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	27435	15.66	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	224157	19.13	ng	0.00
78) Terphenyl-d14	12.87	244	132114	13.65	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	134655	7.934	ng	# 65
50) 2,6-Dinitrotoluene	9.80	165	24401	8.211	ng	# 26
70) Phenanthrene	11.33	178	36720	2.510	ng	98
74) Fluoranthene	12.53	202	49451	3.221	ng	100
77) Pyrene	12.76	202	46609	2.661	ng	98
87) Benzo(b)fluoranthene	15.01	252	41732	2.435	ng	# 91
88) Benzo(k)fluoranthene	15.01	252	41732	2.504	ng	# 93

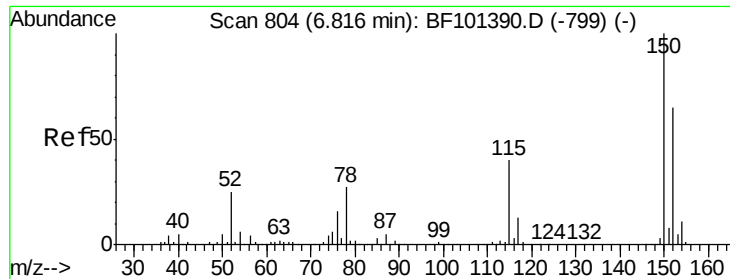
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration



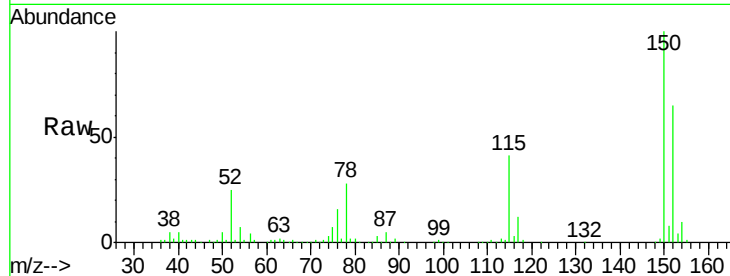


#1

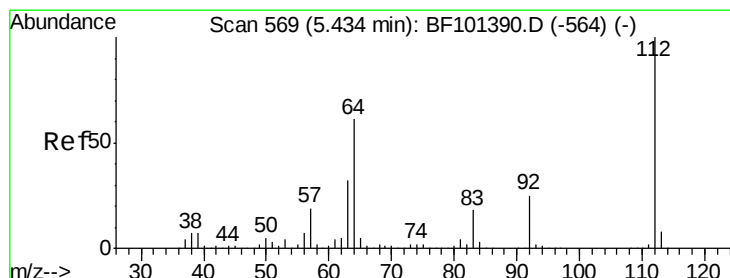
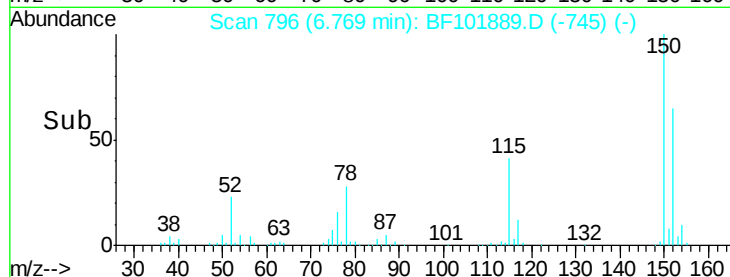
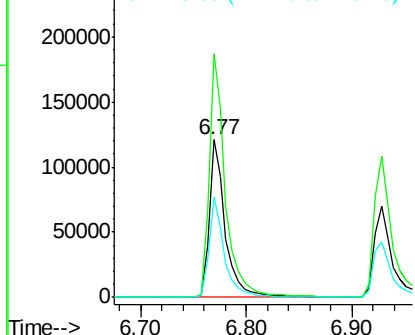
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-A

Tgt Ion:152 Resp: 127495
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 63.8 50.1 75.1



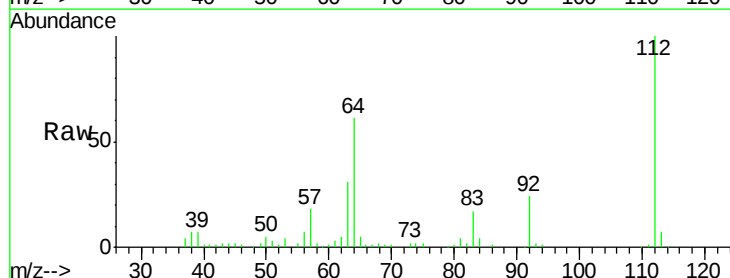
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



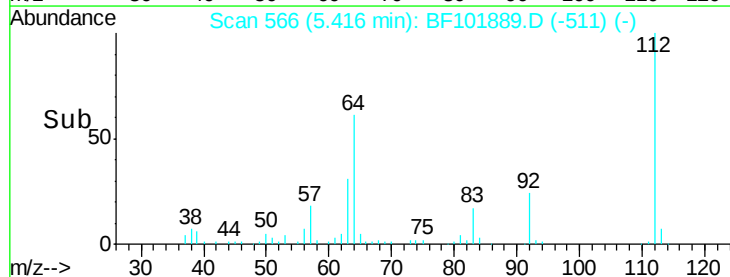
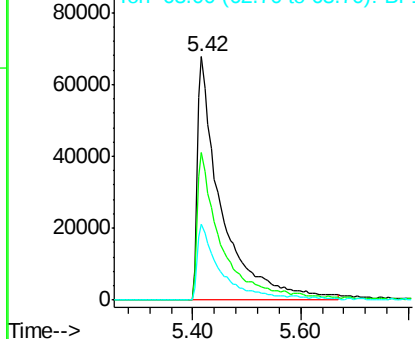
#5

2-Fluorophenol
Concen: 24.446 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

Tgt Ion:112 Resp: 209236
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.1 23.7 35.5



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: 23.893 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF101889.D

Acq: 4 Jan 2018 14:32

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-A

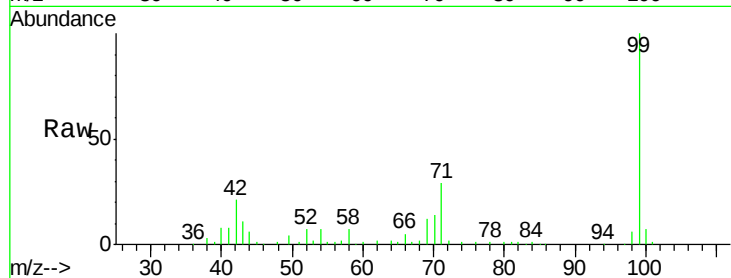
Tgt Ion: 99 Resp: 254517

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

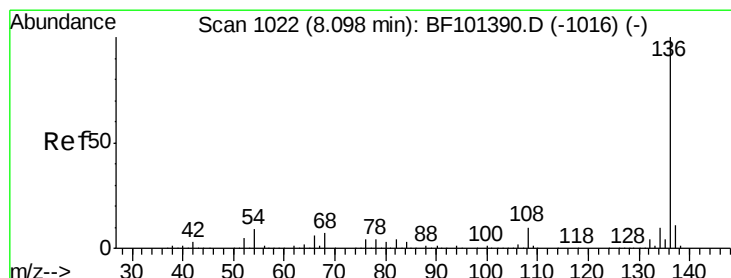
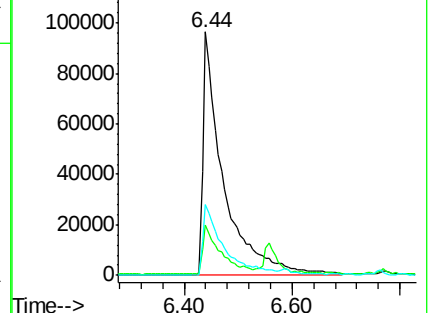
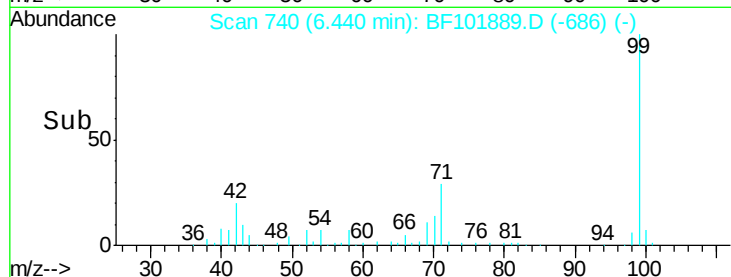
71 29.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF101889.D

Acq: 4 Jan 2018 14:32

Tgt Ion: 136 Resp: 470934

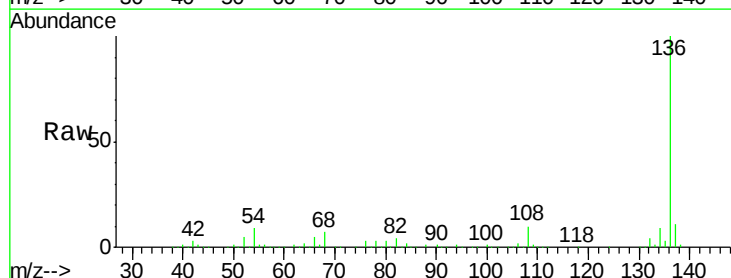
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.1 6.6 9.8

68 6.8 5.0 7.4

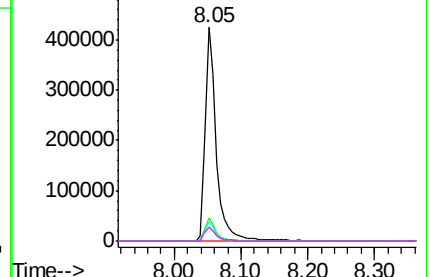
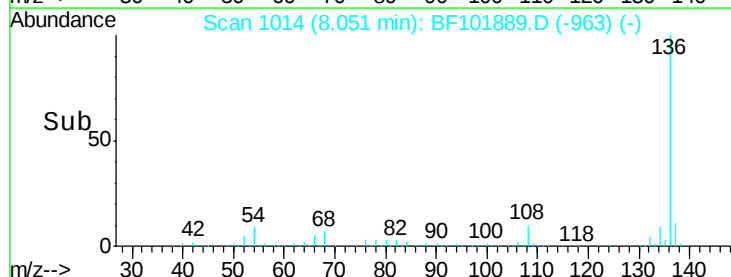


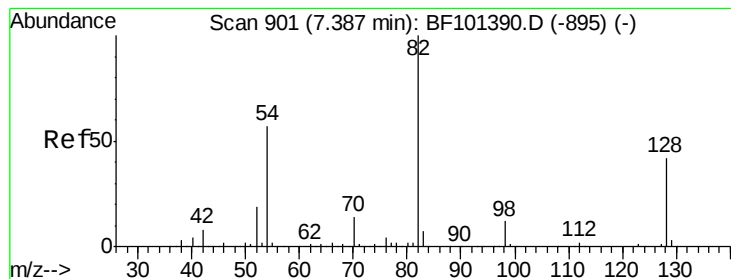
Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.917 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF101889.D

Acq: 4 Jan 2018 14:32

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-A

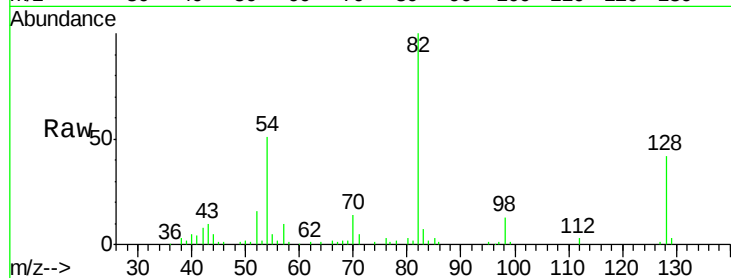
Tgt Ion: 82 Resp: 134655

Ion Ratio Lower Upper

82 100

128 41.5 36.1 54.1

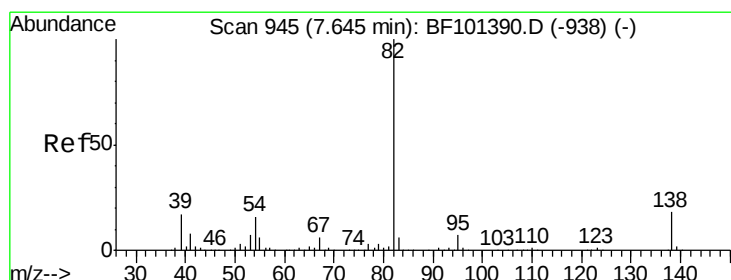
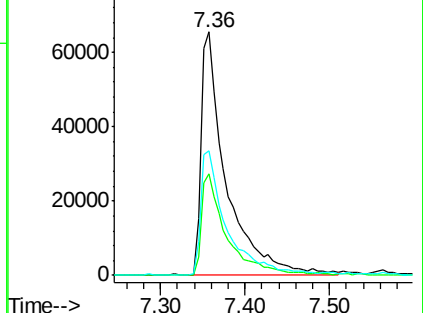
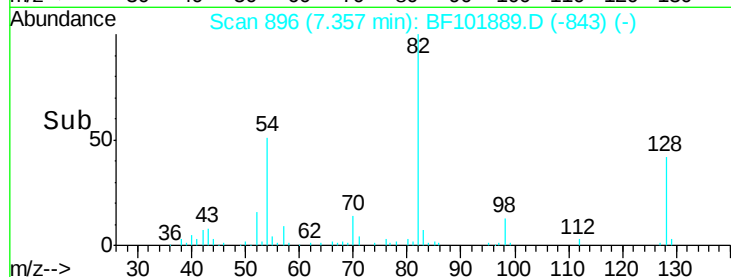
54 51.4 41.4 62.2



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: 7.934 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.24 min

Lab File: BF101889.D

Acq: 4 Jan 2018 14:32

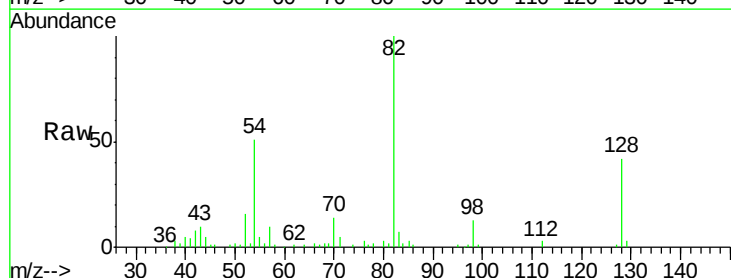
Tgt Ion: 82 Resp: 134655

Ion Ratio Lower Upper

82 100

95 0.7 5.2 7.8#

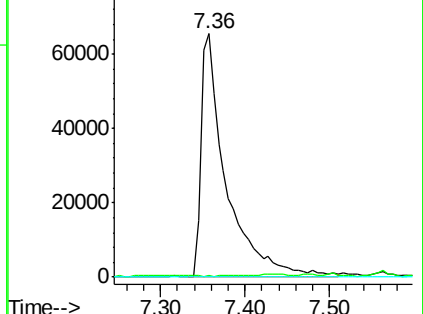
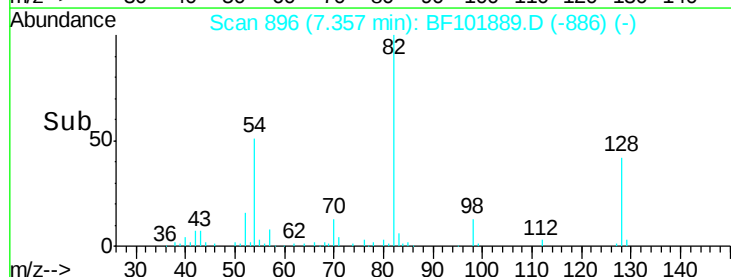
138 0.0 14.9 22.3#

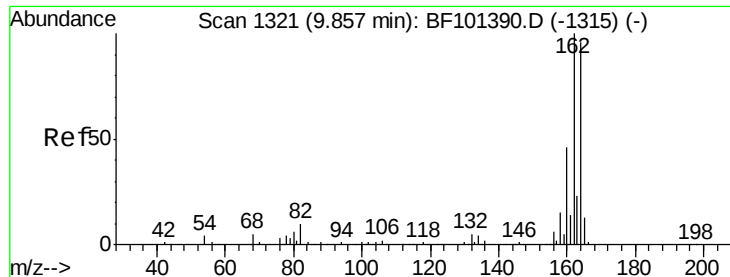


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

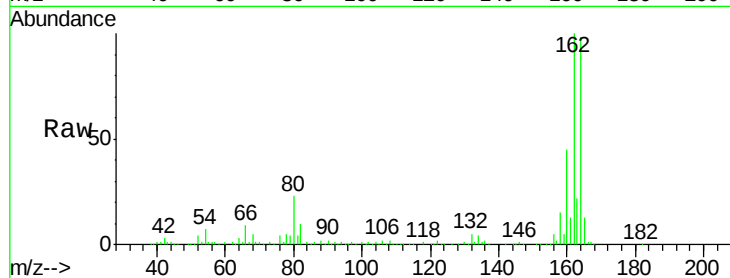




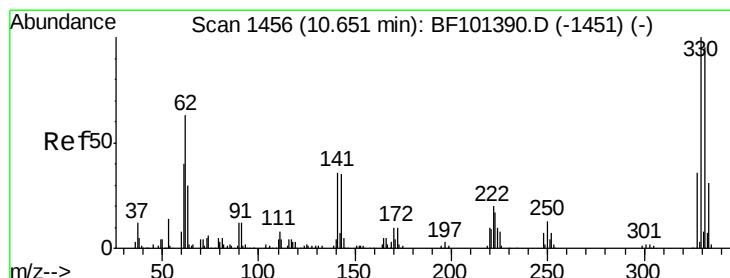
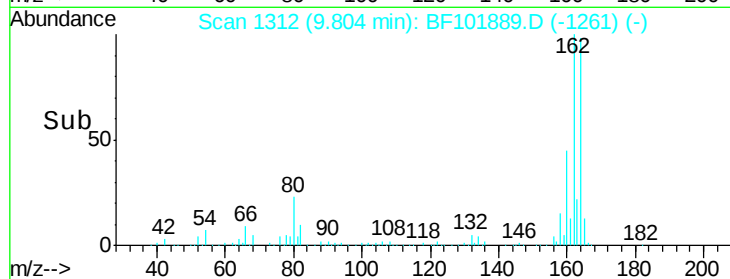
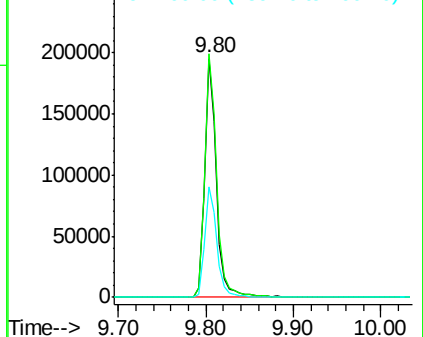
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF101889.D
 Acq: 4 Jan 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-A

Tgt Ion:164 Resp: 181774
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.2 38.3 57.5

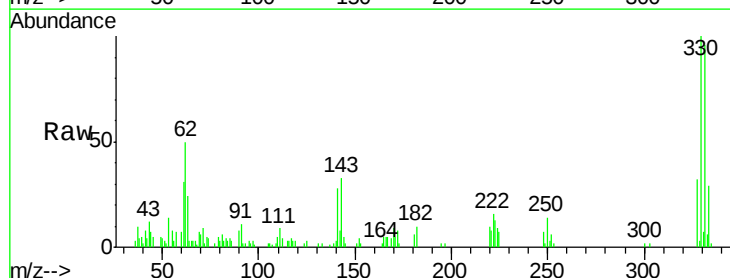


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

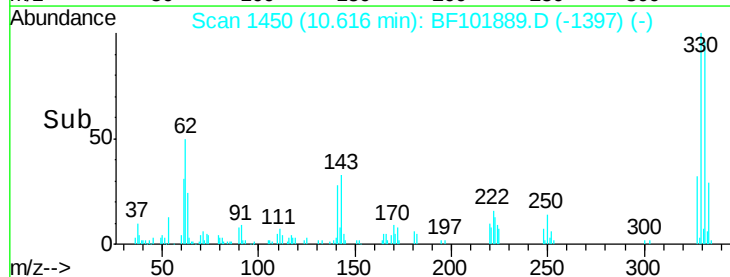
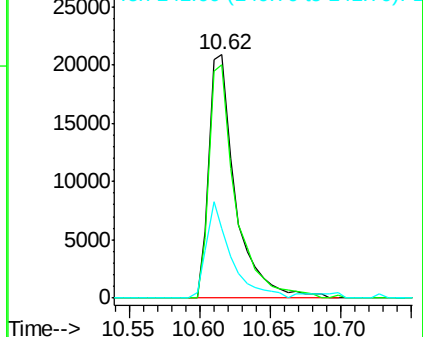


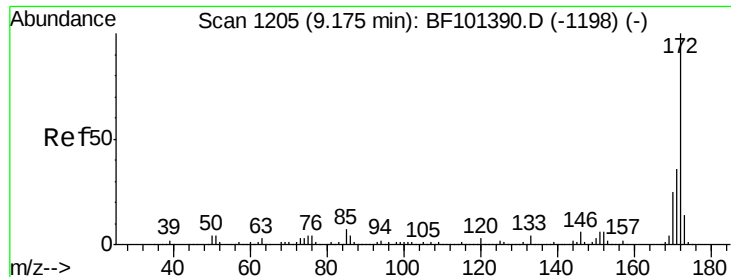
#41
 2,4,6-Tribromophenol
 Concen: 15.663 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101889.D
 Acq: 4 Jan 2018 14:32

Tgt Ion:330 Resp: 27435
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 36.5 29.9 44.9



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

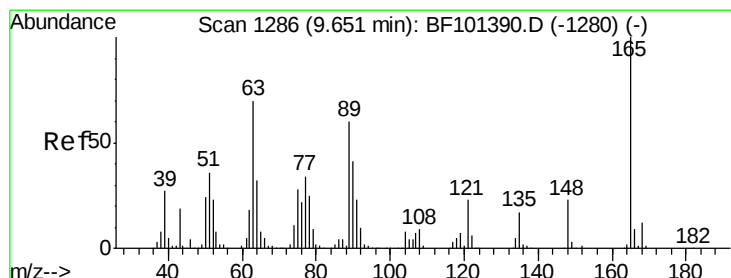
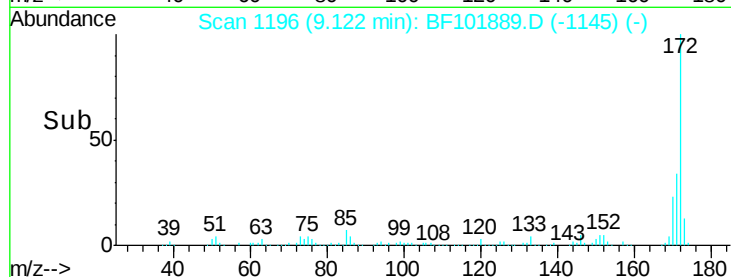
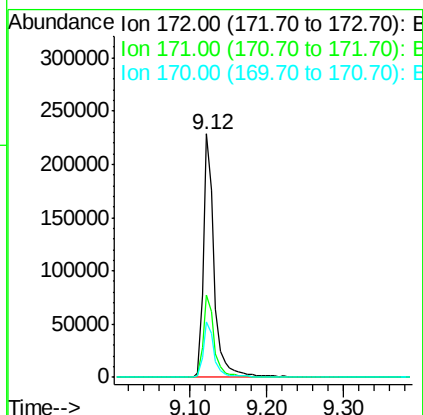
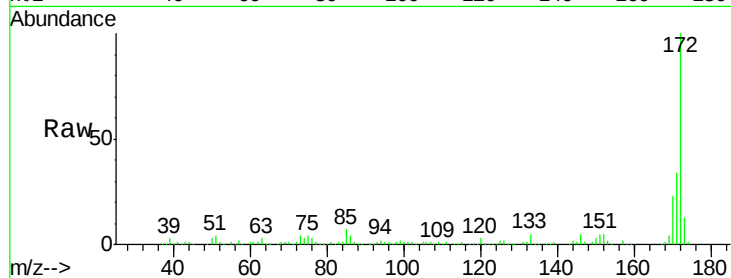




#44
 2-Fluorobiphenyl
 Concen: 19.129 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101889.D
 Acq: 4 Jan 2018 14:32

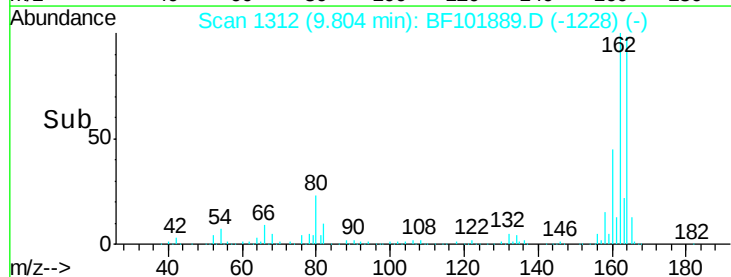
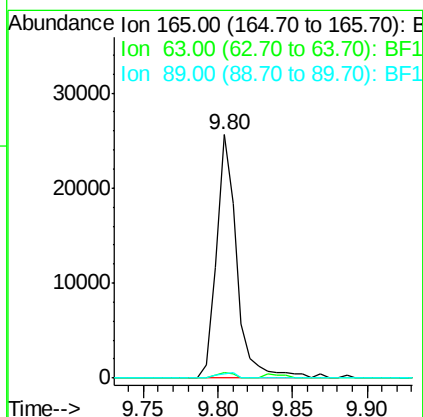
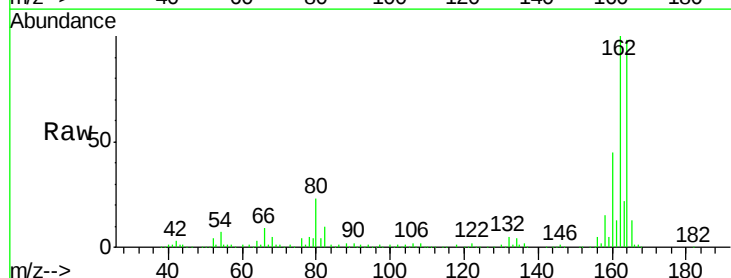
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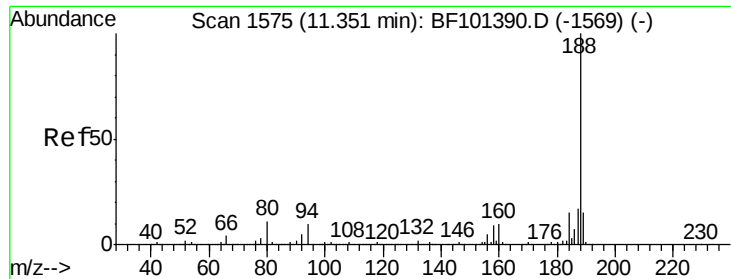
Tgt Ion:172 Resp: 224157
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 23.0 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.211 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF101889.D
 Acq: 4 Jan 2018 14:32

Tgt Ion:165 Resp: 24401
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.7 67.1#
 89 1.7 44.0 66.0#

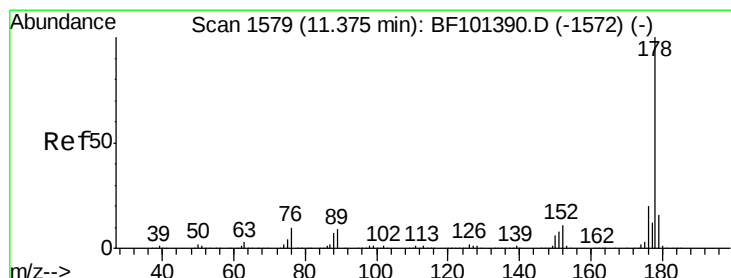
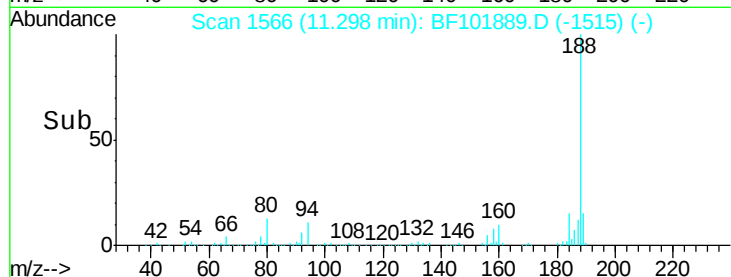
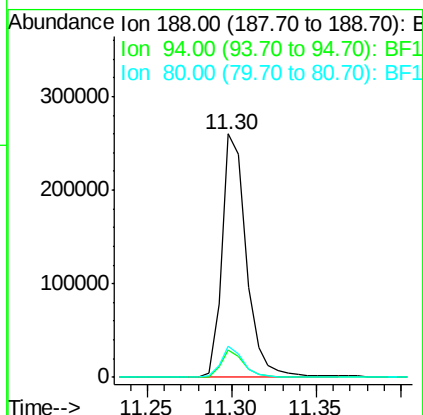
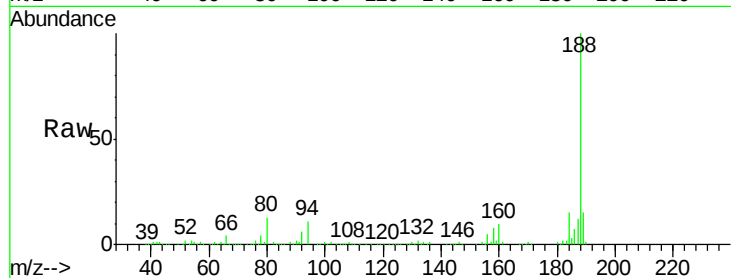




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

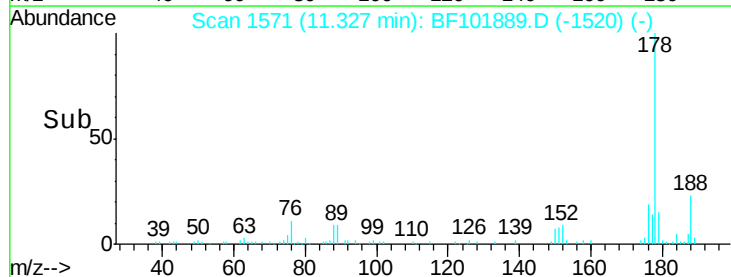
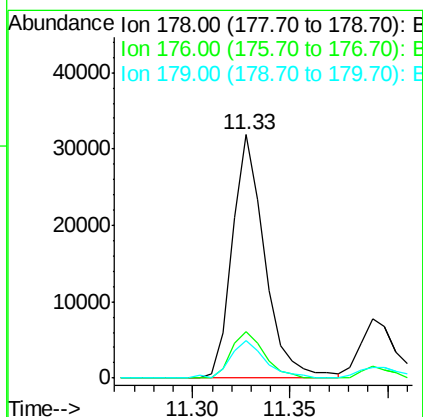
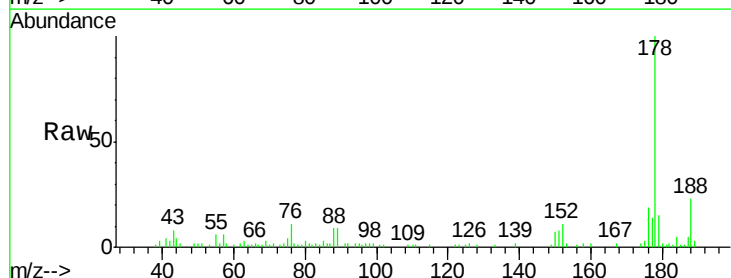
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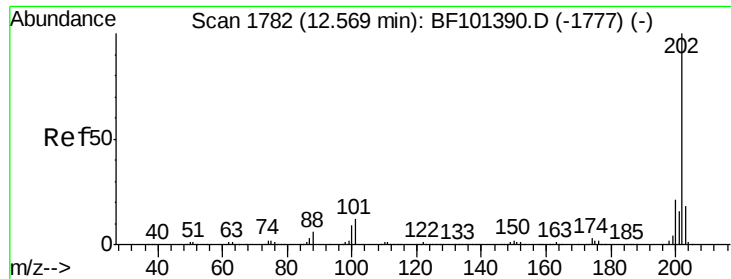
Tgt Ion:188 Resp: 263023
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.8 9.2 13.8



#70
Phenanthrene
Concen: 2.510 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

Tgt Ion:178 Resp: 36720
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.3 13.0 19.6

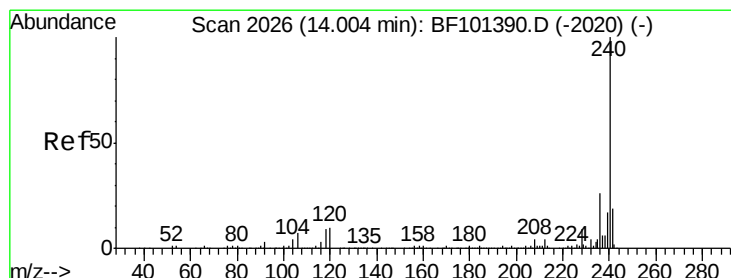
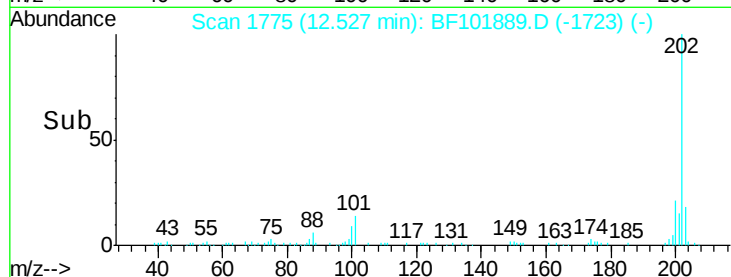
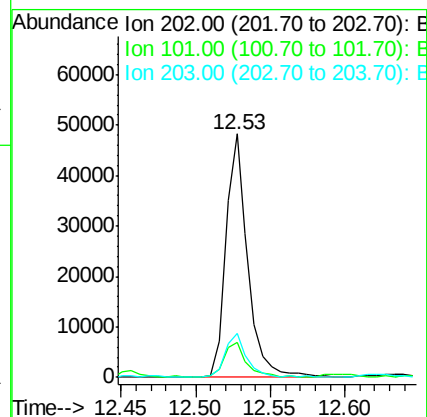
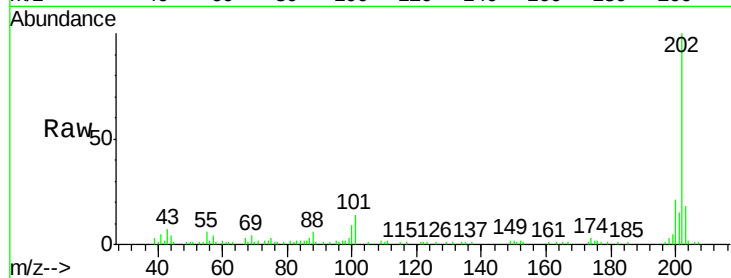




#74
Fluoranthene
Concen: 3.221 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

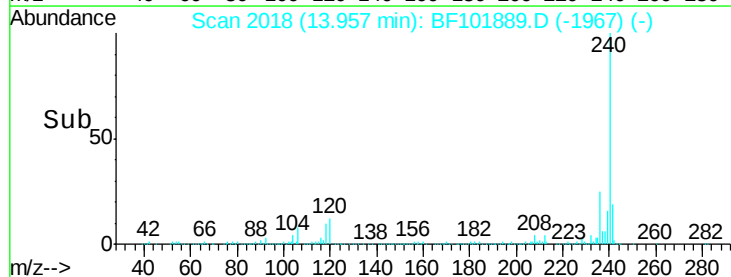
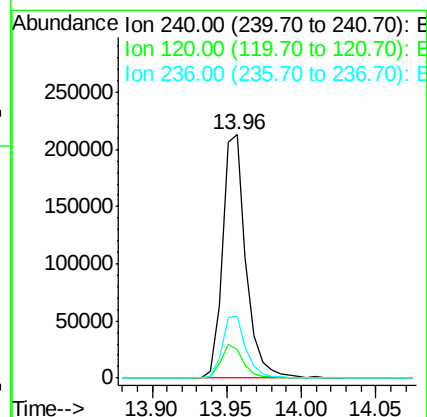
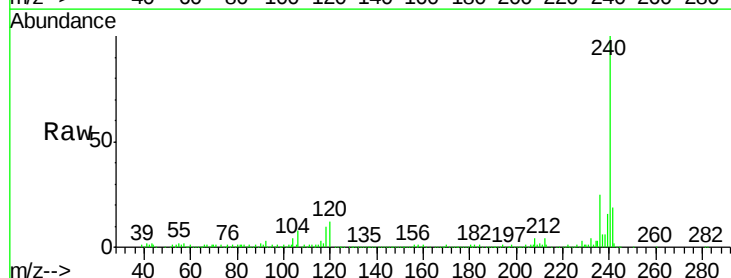
Instrument :
BNA_F
ClientSampleId :
JC-03-010318-A

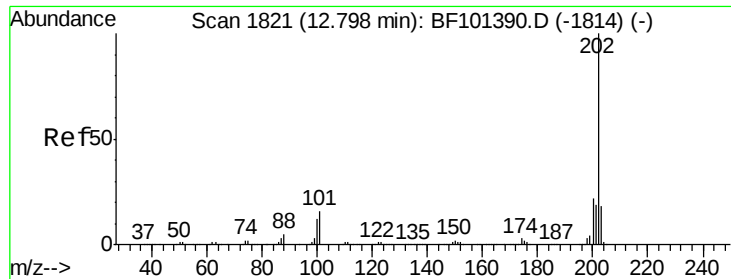
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.9	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.2	20.7	31.1

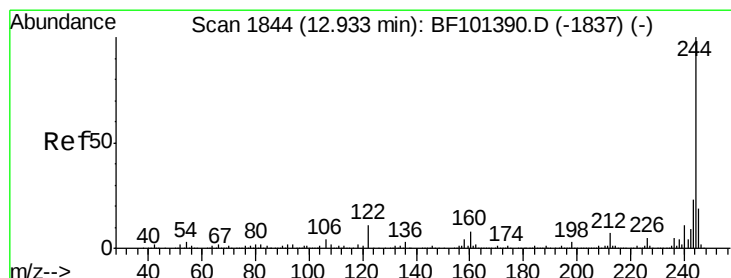
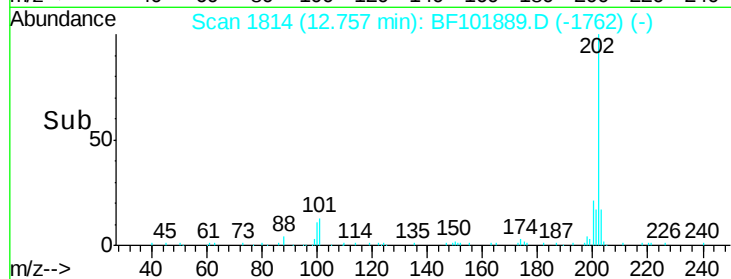
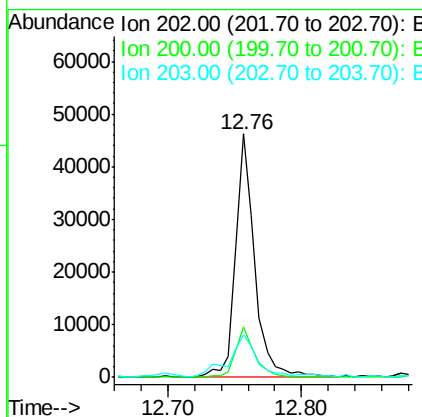
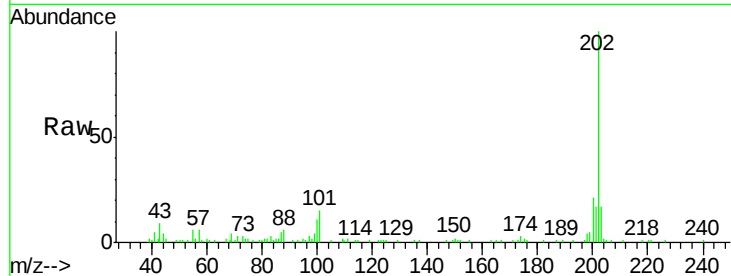




#77
 Pyrene
 Concen: 2.661 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF101889.D
 Acq: 4 Jan 2018 14:32

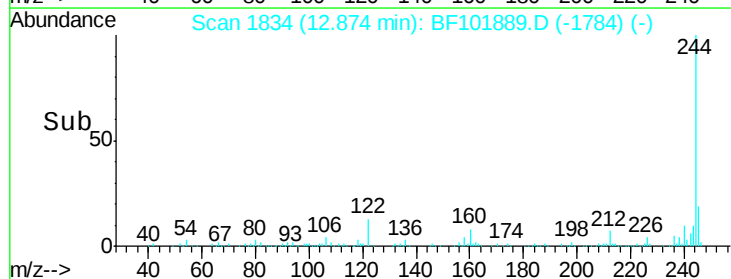
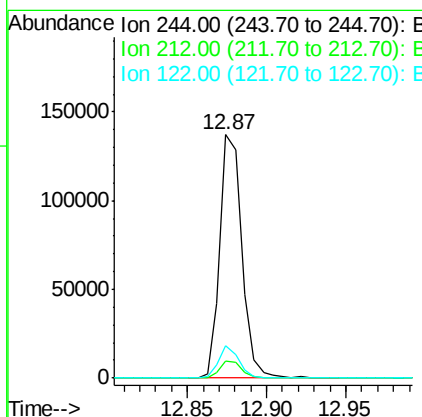
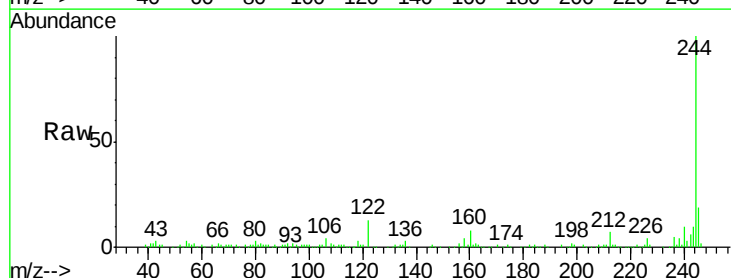
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-A

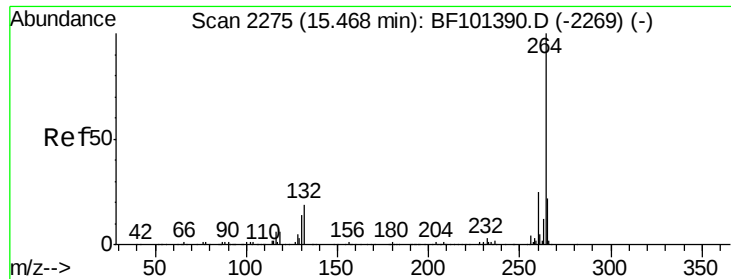
Tgt Ion: 202 Resp: 46609
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 13.645 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF101889.D
 Acq: 4 Jan 2018 14:32

Tgt Ion: 244 Resp: 132114
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.2 11.0 16.4

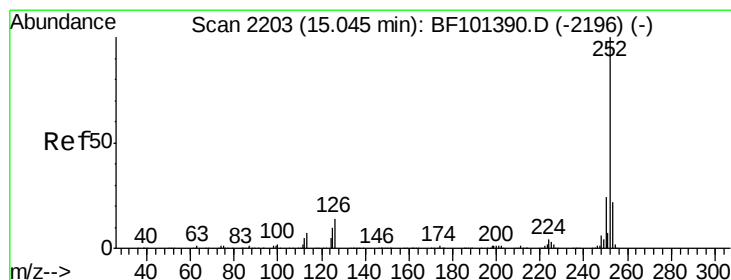
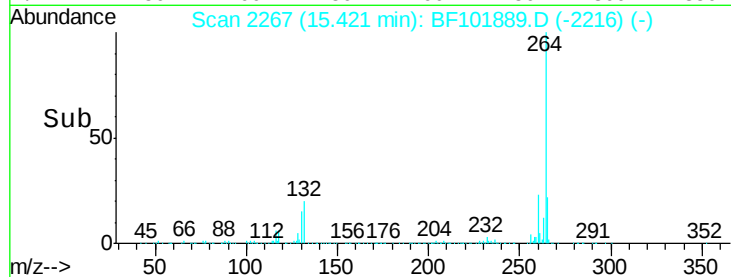
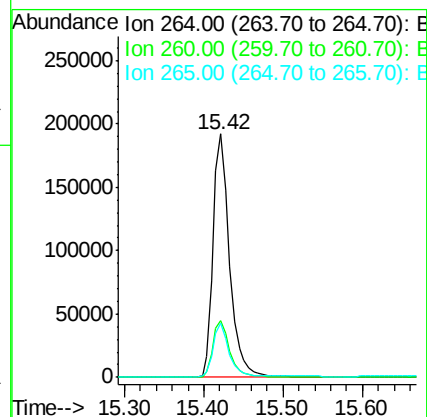
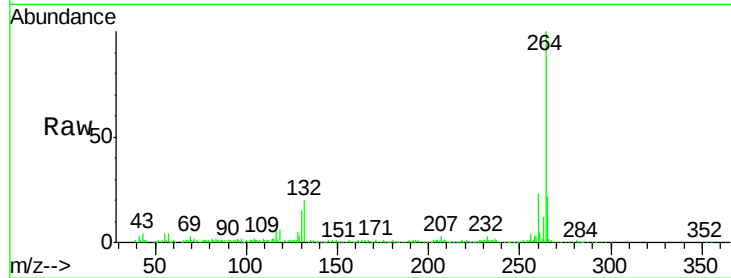




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

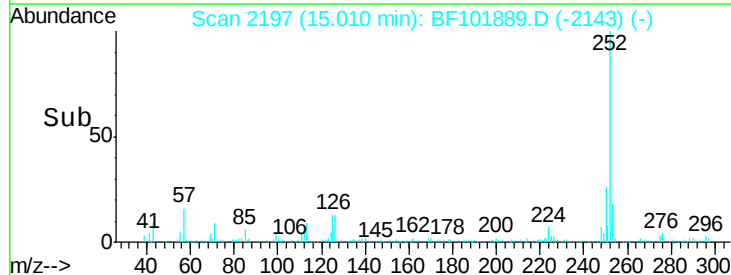
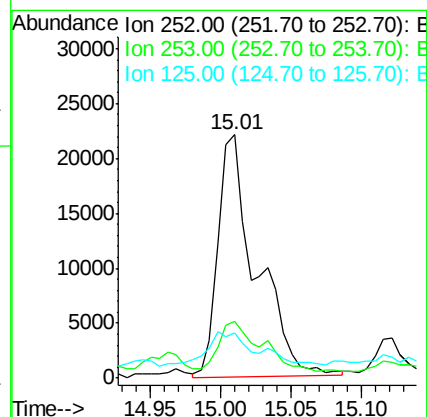
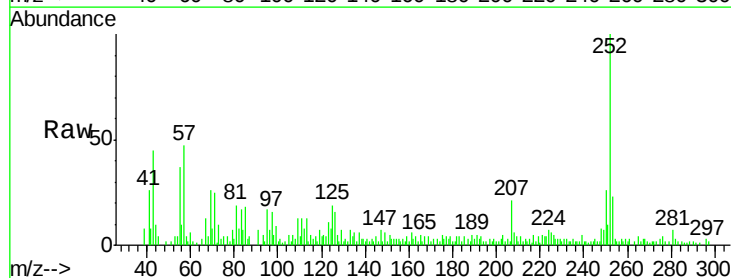
Instrument :
BNA_F
ClientSampleId :
JC-03-010318-A

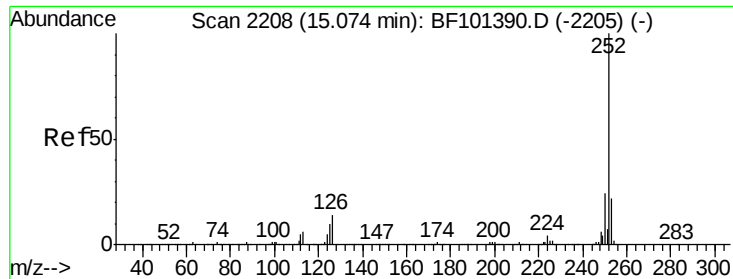
Tgt Ion:264 Resp: 281220
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.435 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF101889.D
Acq: 4 Jan 2018 14:32

Tgt Ion:252 Resp: 41732
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 18.6 9.0 13.6#





#88

Benzo(k)fluoranthene

Concen: 2.504 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF101889.D

Acq: 4 Jan 2018 14:32

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-A

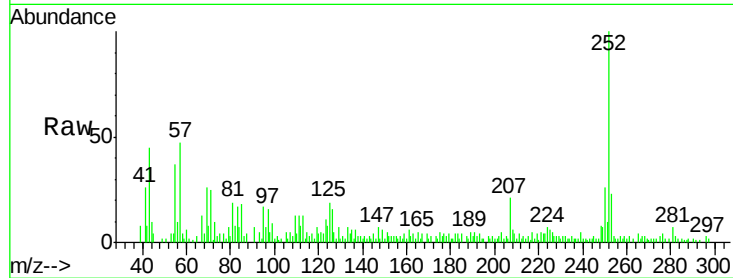
Tgt Ion:252 Resp: 41732

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 18.6 10.2 15.2#



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

