

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101203.D
 Acq On : 7 Dec 2017 14:21
 Operator : SJ/JU
 Sample : I6765-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:34:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

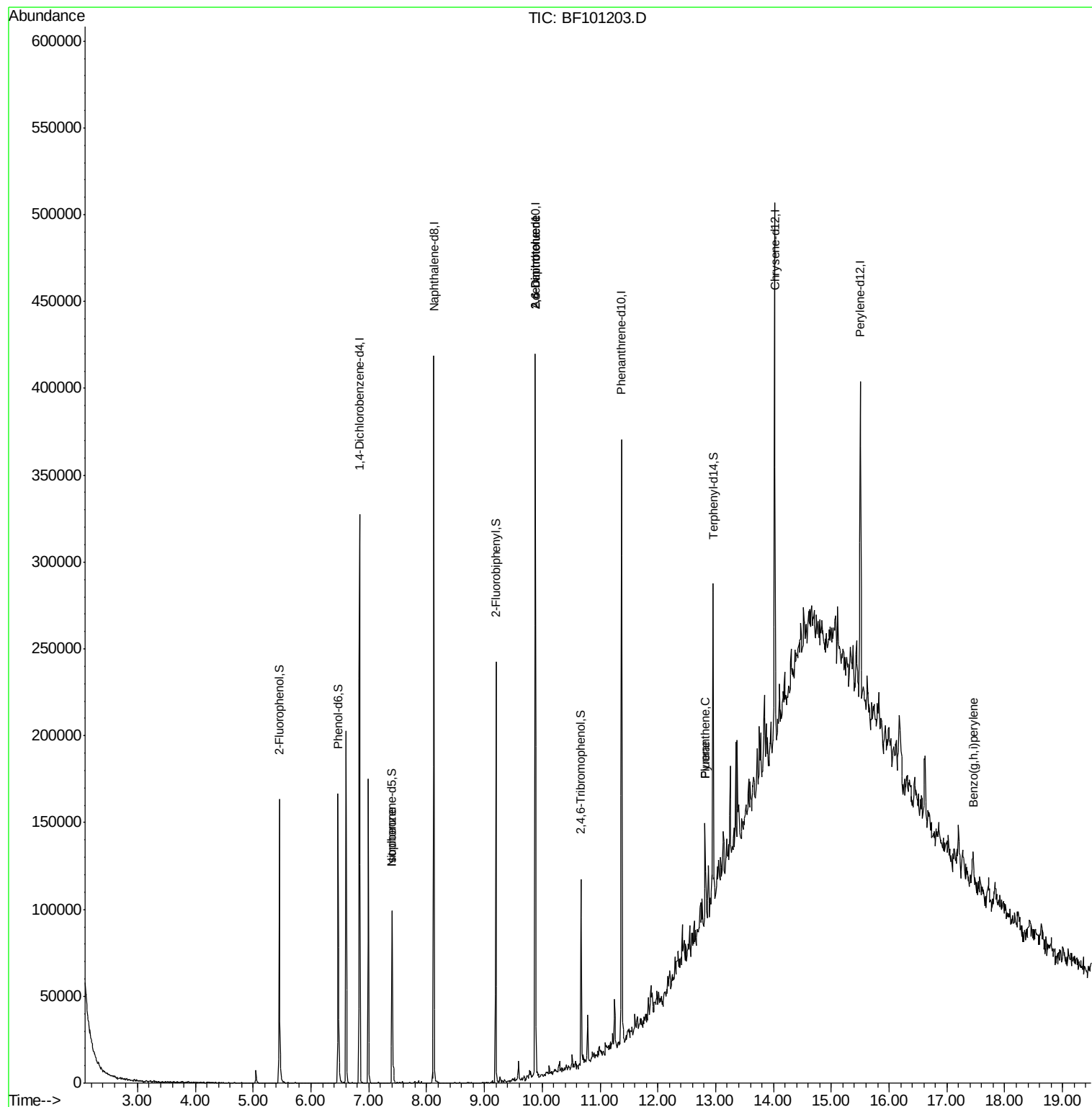
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	48107	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	177993	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	75829	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	121684	20.00	ng	0.00
75) Chrysene-d12	14.02	240	103373	20.00	ng	0.00
86) Perylene-d12	15.50	264	81287	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	51067	17.54	ng	-0.01
7) Phenol-d6	6.47	99	59606	16.86	ng	-0.01
23) Nitrobenzene-d5	7.40	82	34185	11.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	13216	14.51	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	79612	14.36	ng	-0.01
78) Terphenyl-d14	12.96	244	62817	13.29	ng	0.00
Target Compounds						
25) Isophorone	7.40	82	34184	6.707	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	9822	7.626	ng	# 25
56) 2,4-Dinitrotoluene	9.88	165	9822	5.690	ng	# 23
74) Fluoranthene	12.82	202	21893	2.947	ng	98
77) Pyrene	12.82	202	22014	3.086	ng	97
91) Benzo(g,h,i)perylene	17.44	276	11415	3.104	ng	# 78

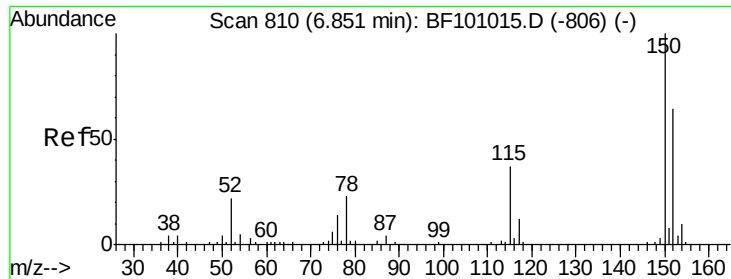
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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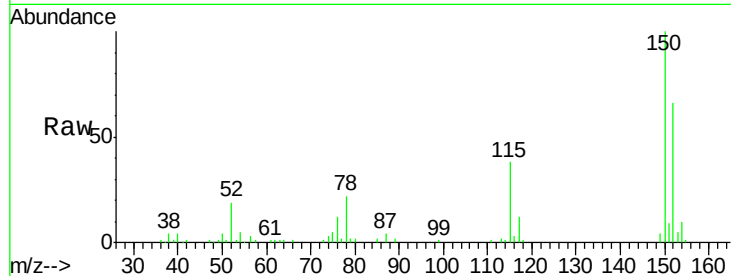


#1

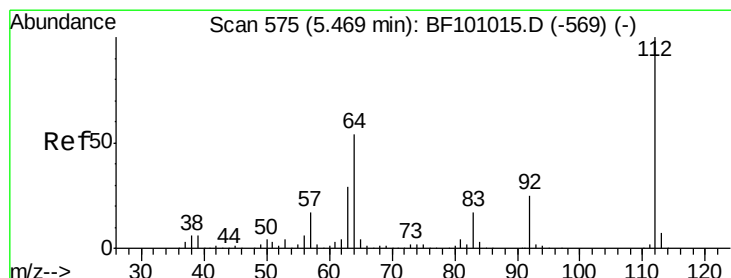
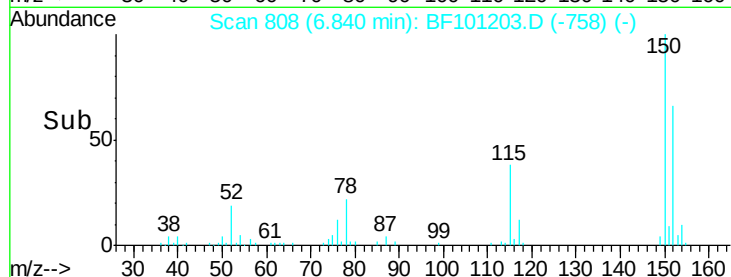
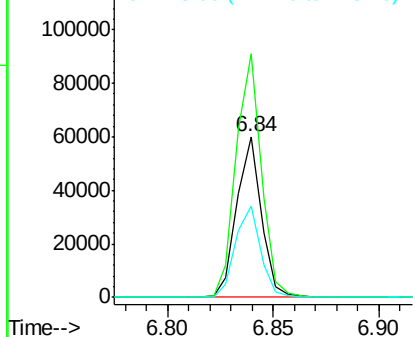
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48107
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 57.2 50.1 75.1



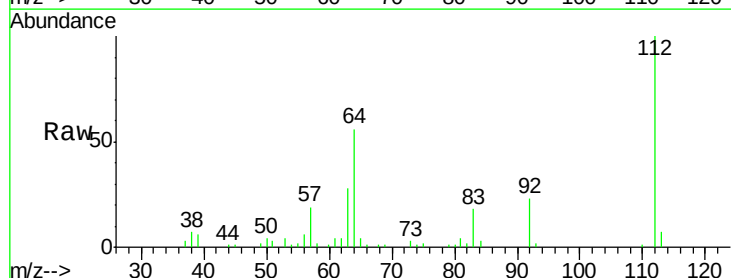
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



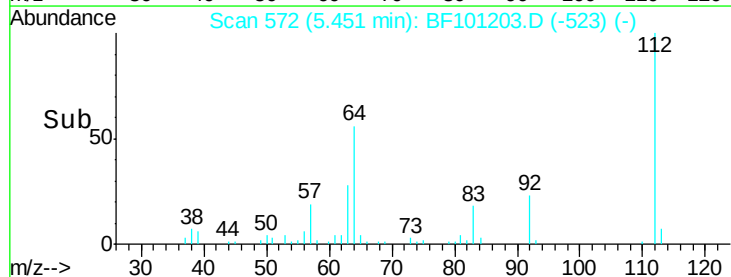
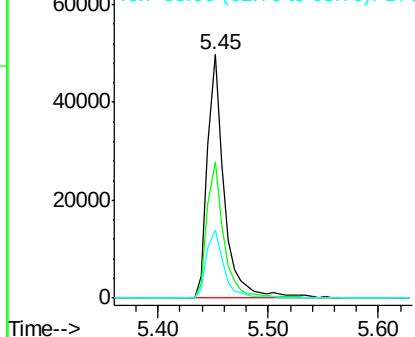
#5

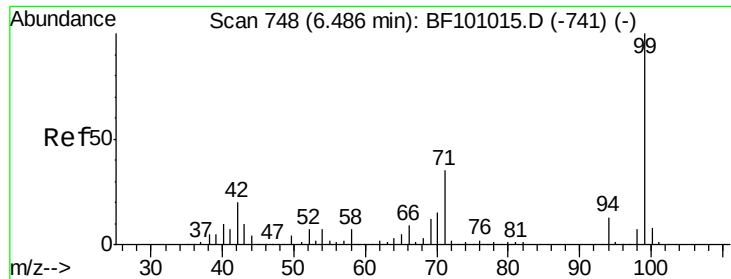
2-Fluorophenol
Concen: 17.541 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion:112 Resp: 51067
Ion Ratio Lower Upper
112 100
64 56.0 47.9 71.9
63 27.8 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: 16.864 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Instrument :

BNA_F

ClientSampleId :

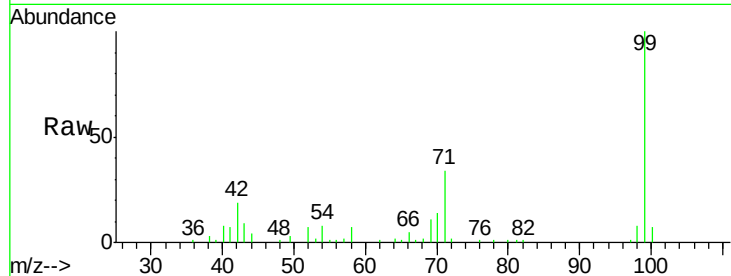
Tot Ion: 99 Resp: 59606

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

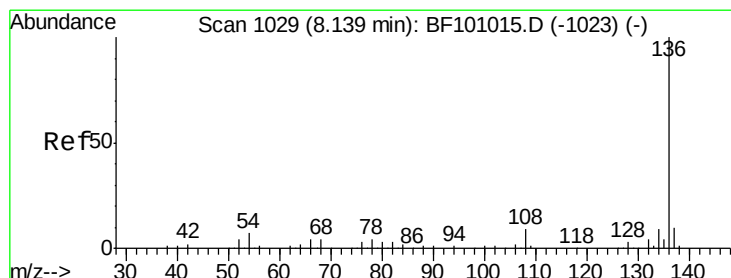
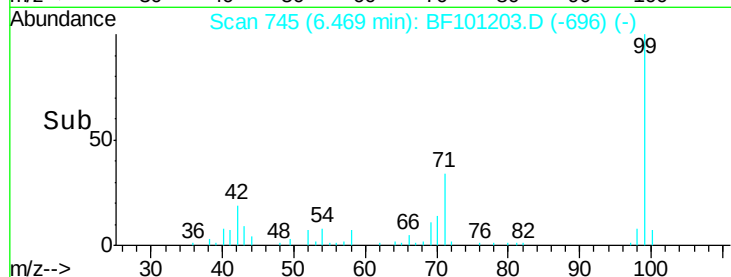
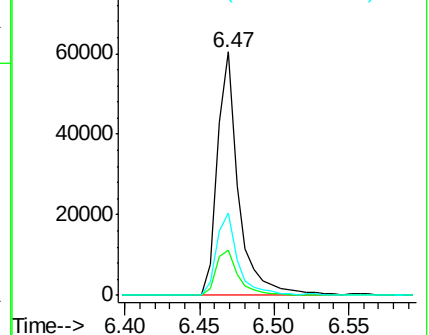
71 33.8 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Tgt Ion: 136 Resp: 177993

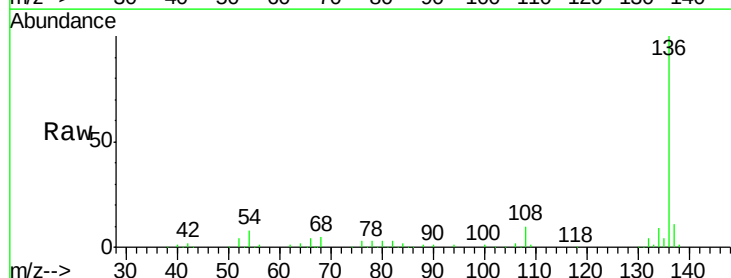
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 6.6 9.8

68 4.7 5.0 7.4#

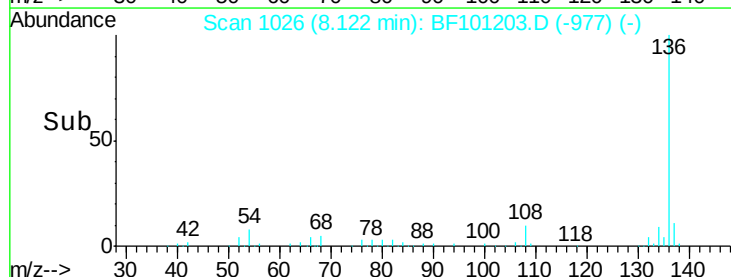
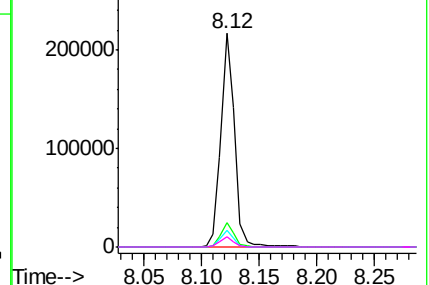


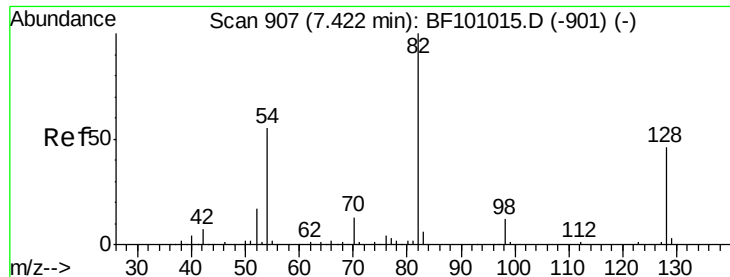
Abundance Ion 136.00 (135.70 to 136.70): E

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

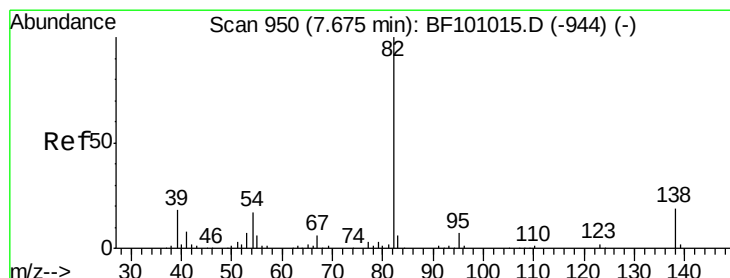
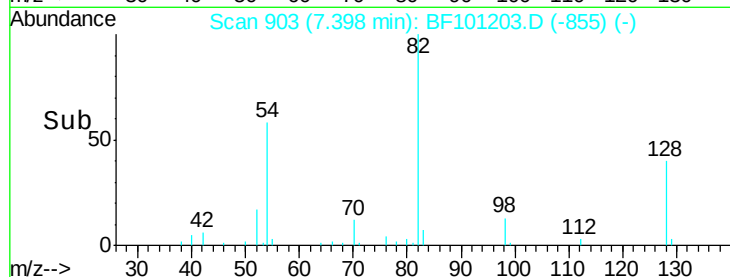
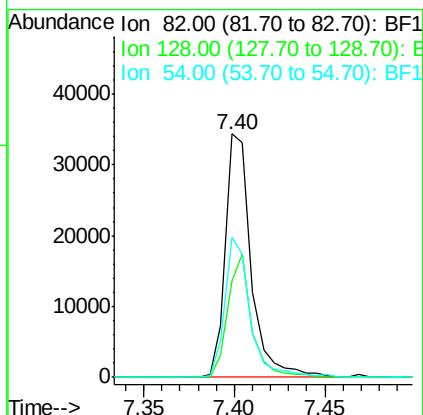
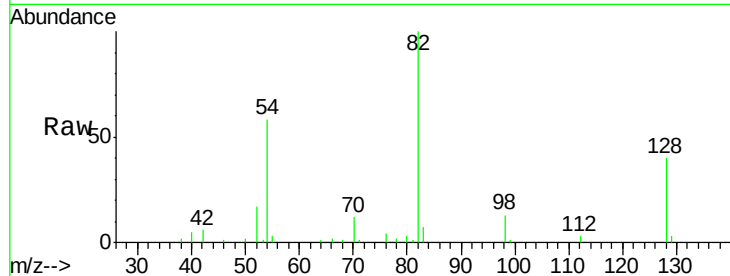




#23
 Nitrobenzene-d5
 Concen: 11.457 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF101203.D
 Acq: 7 Dec 2017 14:21

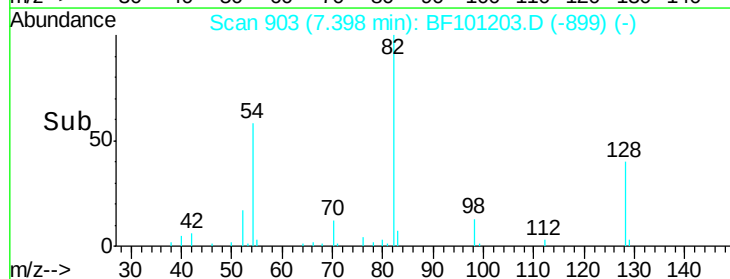
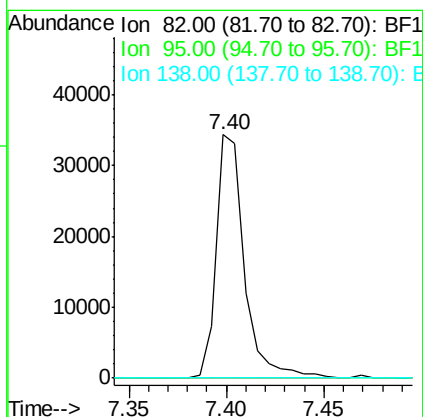
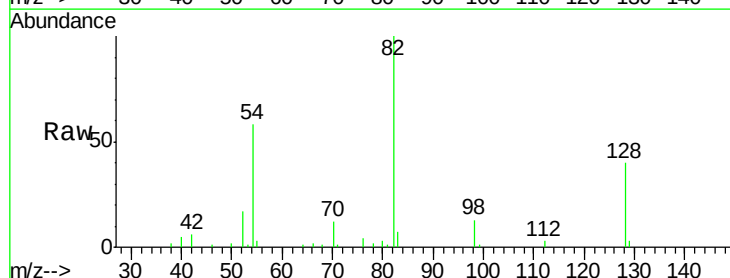
Instrument :
 BNA_F
 ClientSampleID :

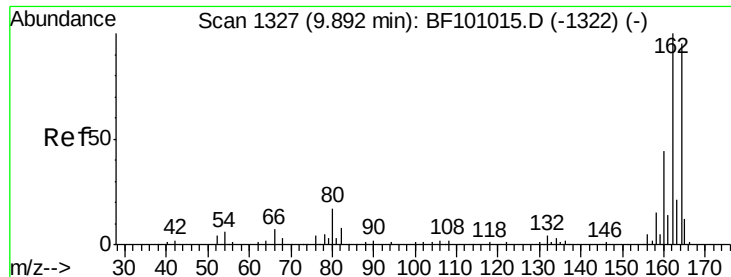
Tot Ion: 82 Resp: 34185
 Ion Ratio Lower Upper
 82 100
 128 39.7 36.1 54.1
 54 57.6 41.4 62.2



#25
 Isophorone
 Concen: 6.707 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF101203.D
 Acq: 7 Dec 2017 14:21

Tgt Ion: 82 Resp: 34184
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

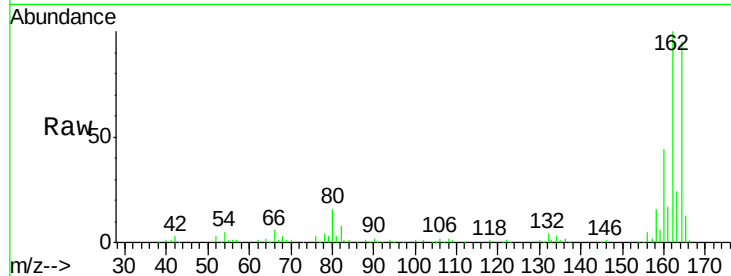




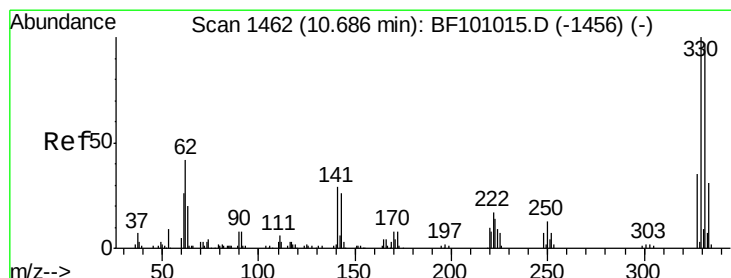
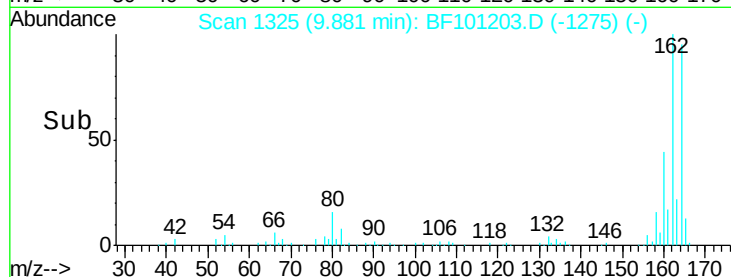
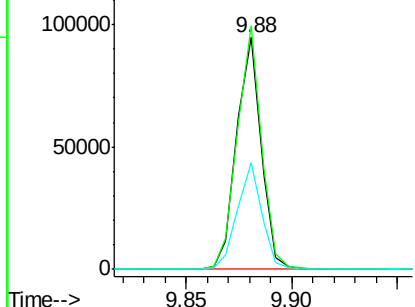
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 75829
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 45.8 38.3 57.5

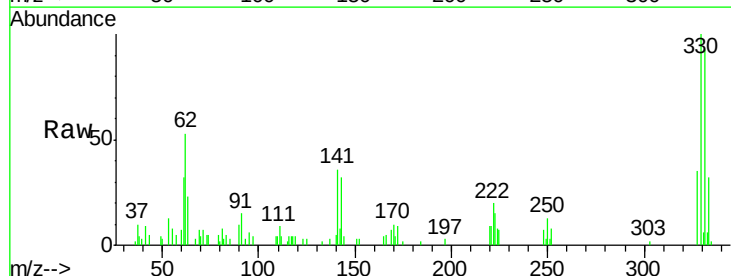


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

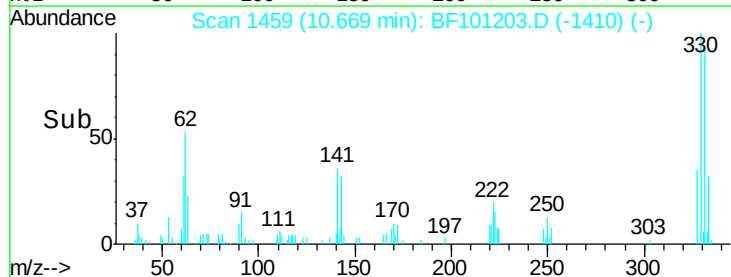
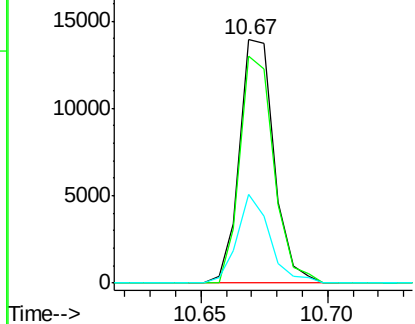


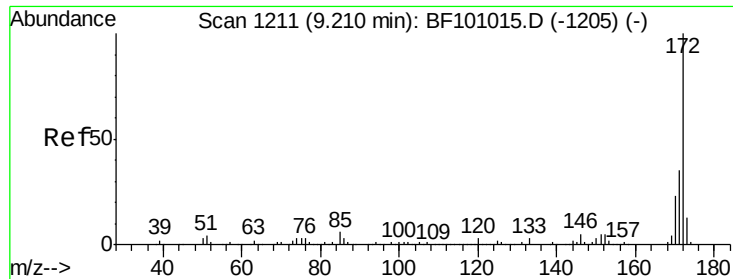
#41
2,4,6-Tribromophenol
Concen: 14.508 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion:330 Resp: 13216
Ion Ratio Lower Upper
330 100
332 91.7 77.0 115.6
141 34.6 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

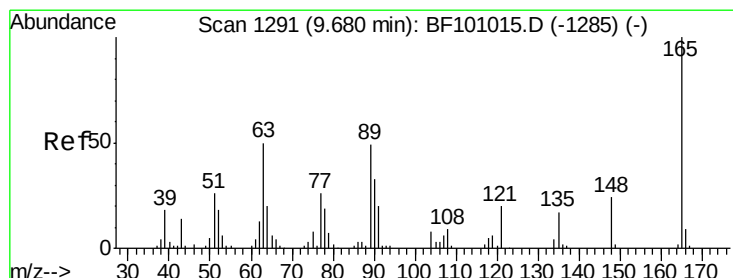
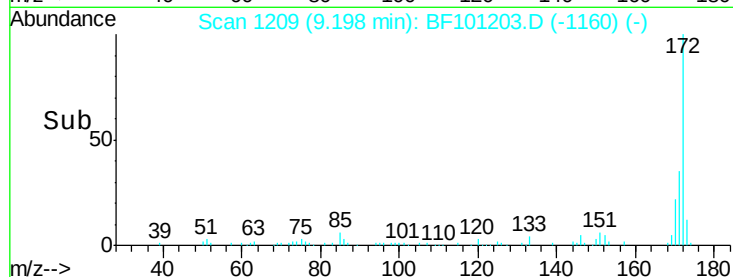
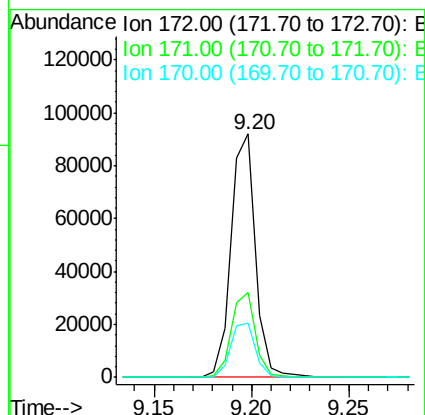
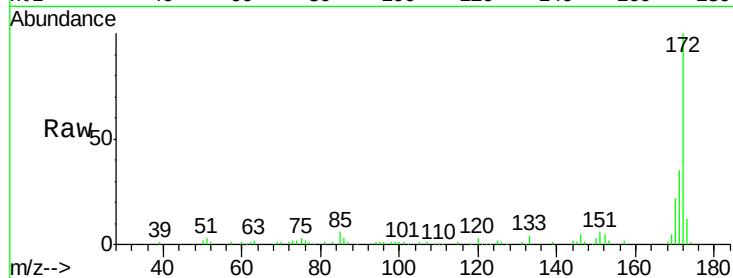




#44
 2-Fluorobiphenyl
 Concen: 14.365 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101203.D
 Acq: 7 Dec 2017 14:21

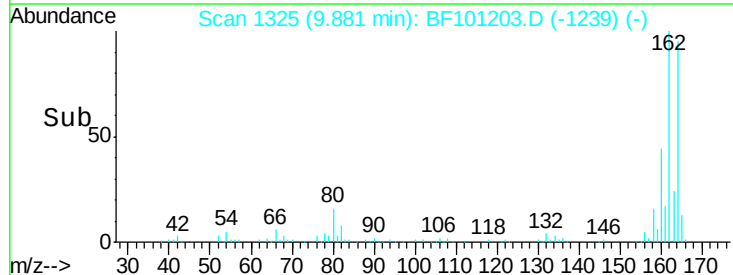
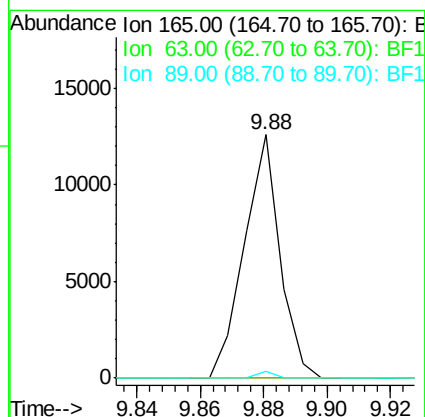
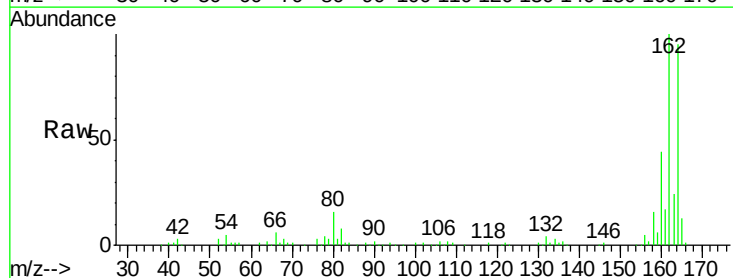
Instrument :
 BNA_F
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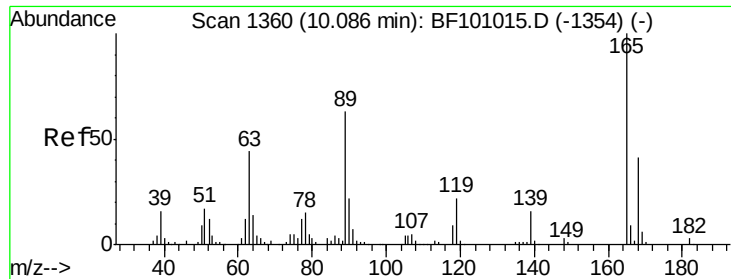
Tot Ion:172 Resp: 79612
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 22.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.626 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101203.D
 Acq: 7 Dec 2017 14:21

Tgt Ion:165 Resp: 9822
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 2.6 44.0 66.0#

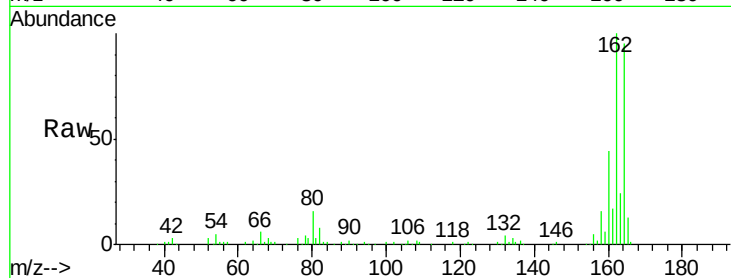




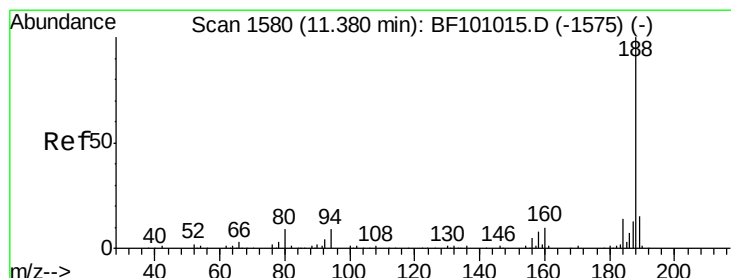
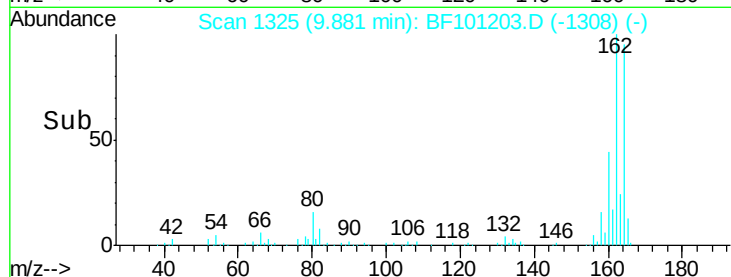
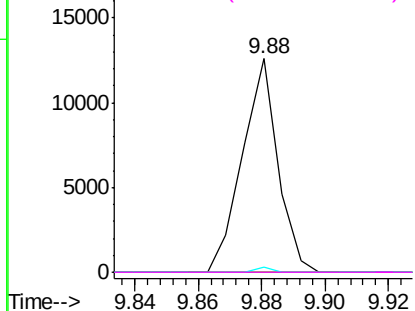
#56
2,4-Dinitrotoluene
Concen: 5.690 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 9822
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 2.6 57.8 86.6#
182 0.0 1.6 2.4#

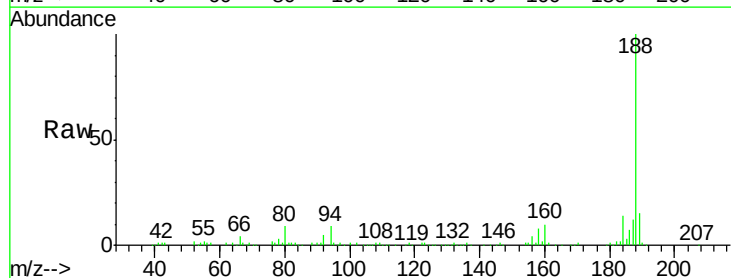


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

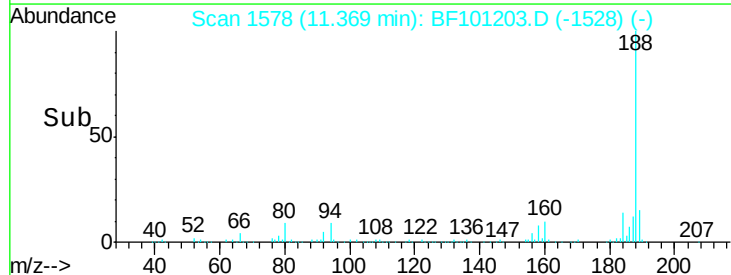
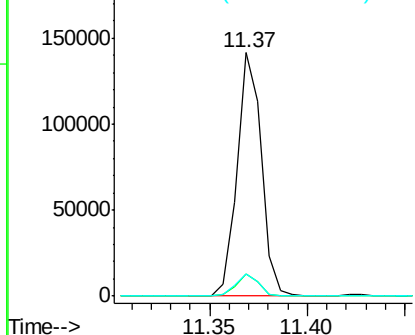


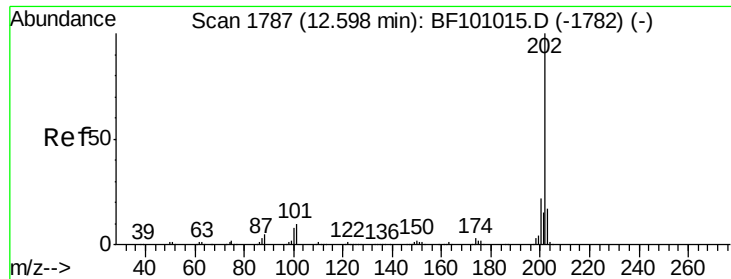
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion:188 Resp: 121684
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 8.9 9.2 13.8#



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





#74

Fluoranthene

Concen: 2.947 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.22 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Instrument :

BNA_F

ClientSampleId :

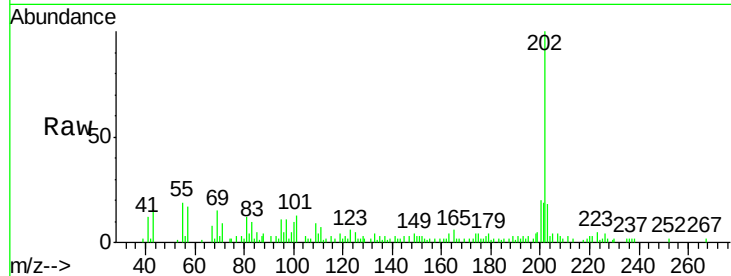
Tot Ion:202 Resp: 21893

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

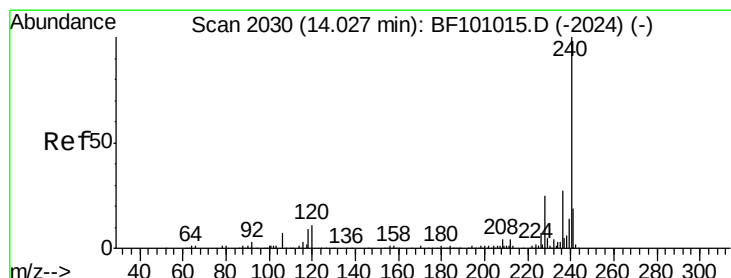
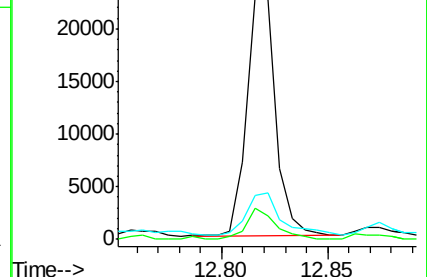
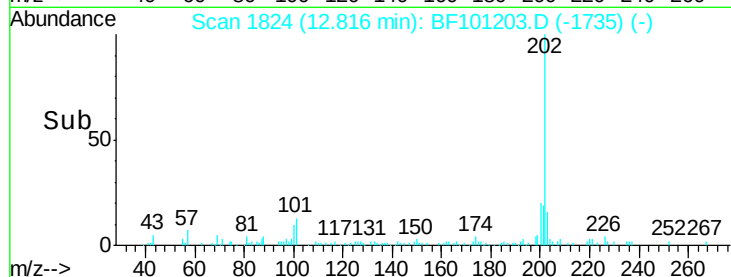
203 17.9 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

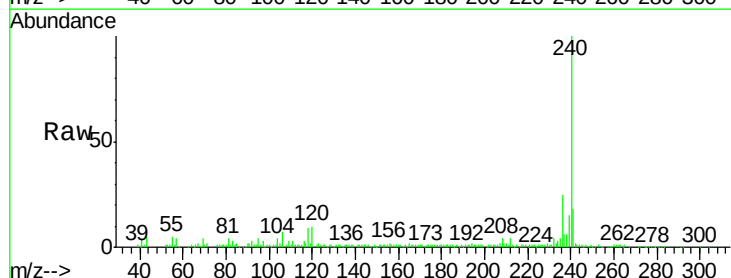
Tgt Ion:240 Resp: 103373

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

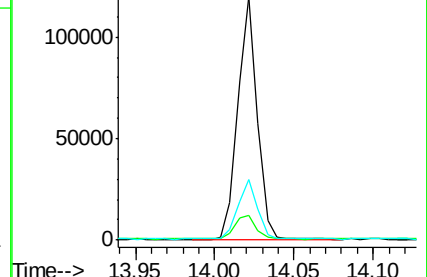
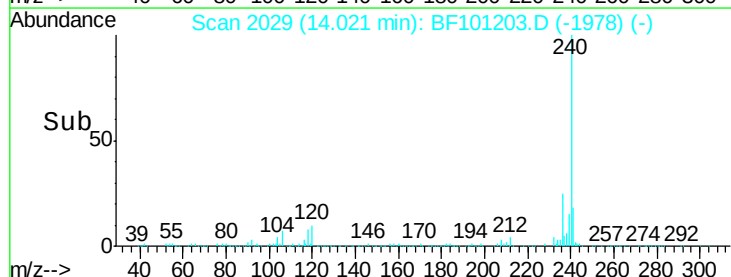
236 25.1 20.7 31.1

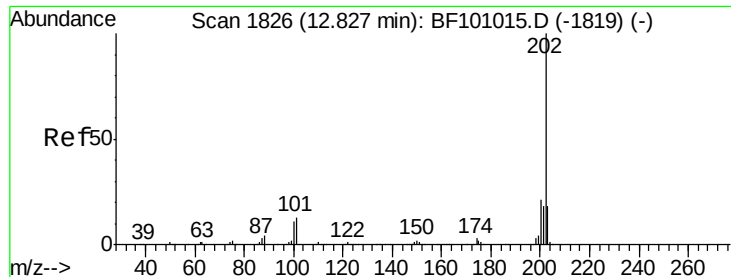


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.086 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

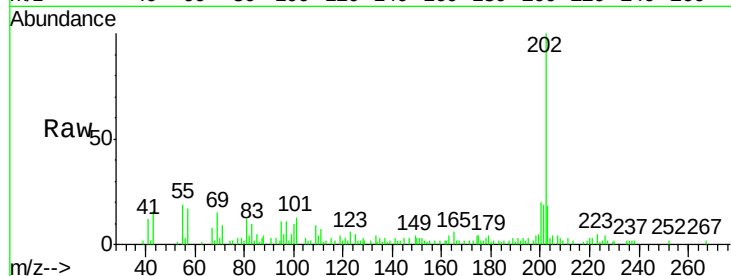
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 22014

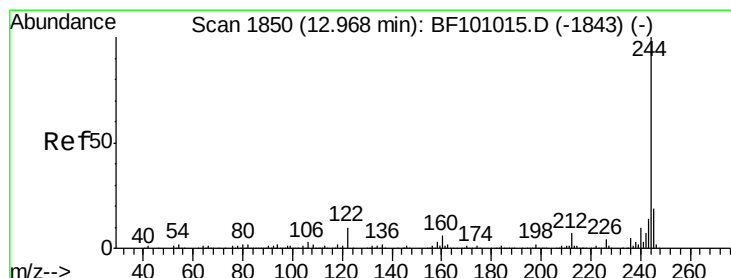
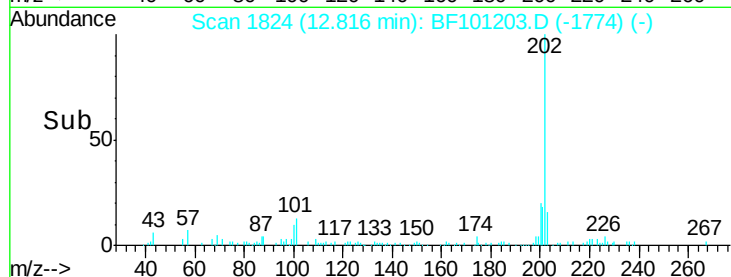
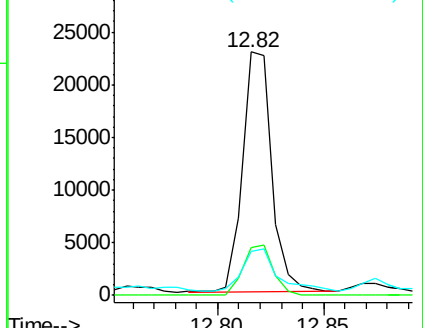
Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	17.9	14.3	21.5



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



#78

Terphenyl-d14

Concen: 13.291 ng

RT: 12.96 min Scan# 1848

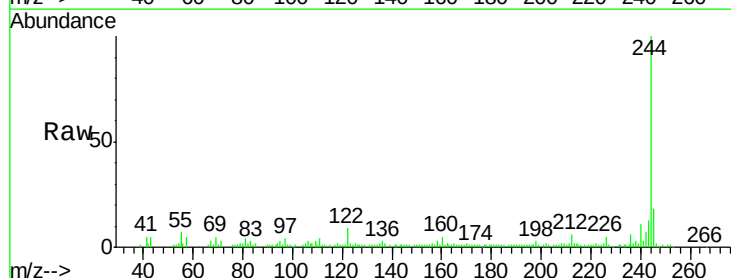
Delta R.T. -0.01 min

Lab File: BF101203.D

Acq: 7 Dec 2017 14:21

Tgt Ion:244 Resp: 62817

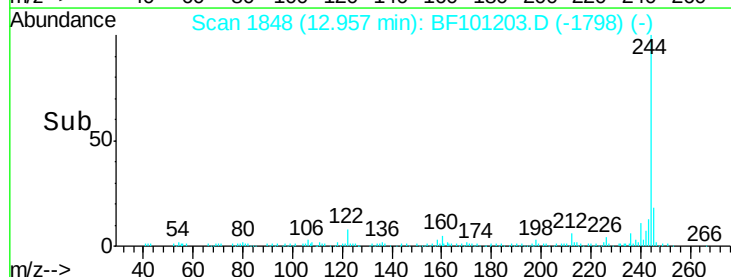
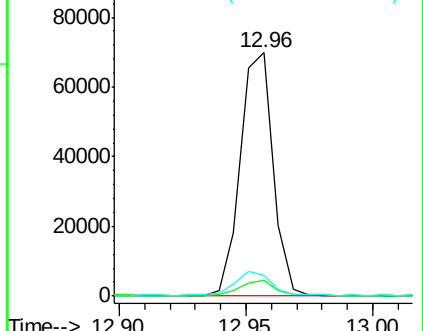
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.8	11.0	16.4

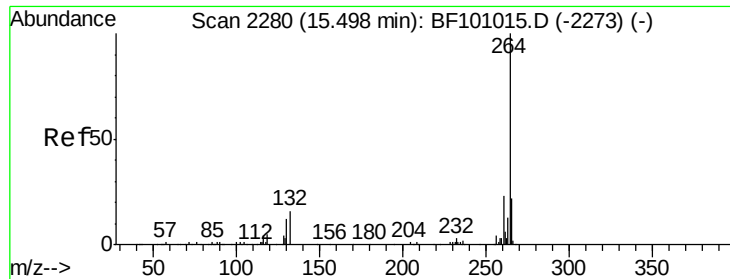


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

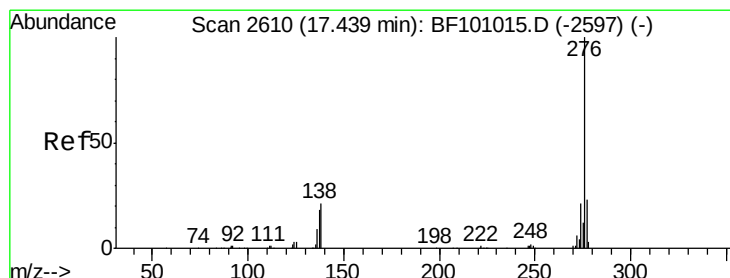
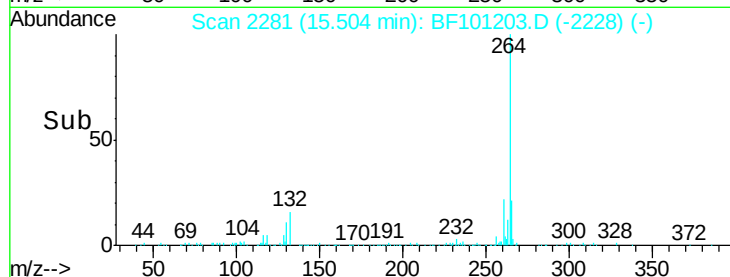
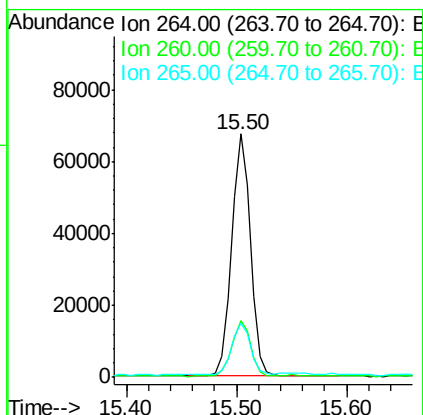
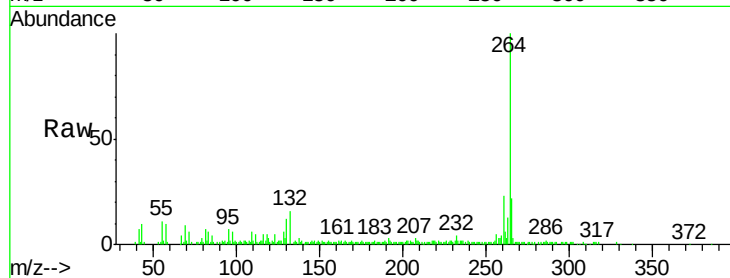




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 81287
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.2 17.5 26.3



#91
Benzo(g,h,i)perylene
Concen: 3.104 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.02 min
Lab File: BF101203.D
Acq: 7 Dec 2017 14:21

Tgt Ion:276 Resp: 11415
Ion Ratio Lower Upper
276 100
277 25.4 17.9 26.9
138 45.0 21.8 32.8#

