

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101202.D
 Acq On : 7 Dec 2017 13:54
 Operator : SJ/JU
 Sample : I6765-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:34:22 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

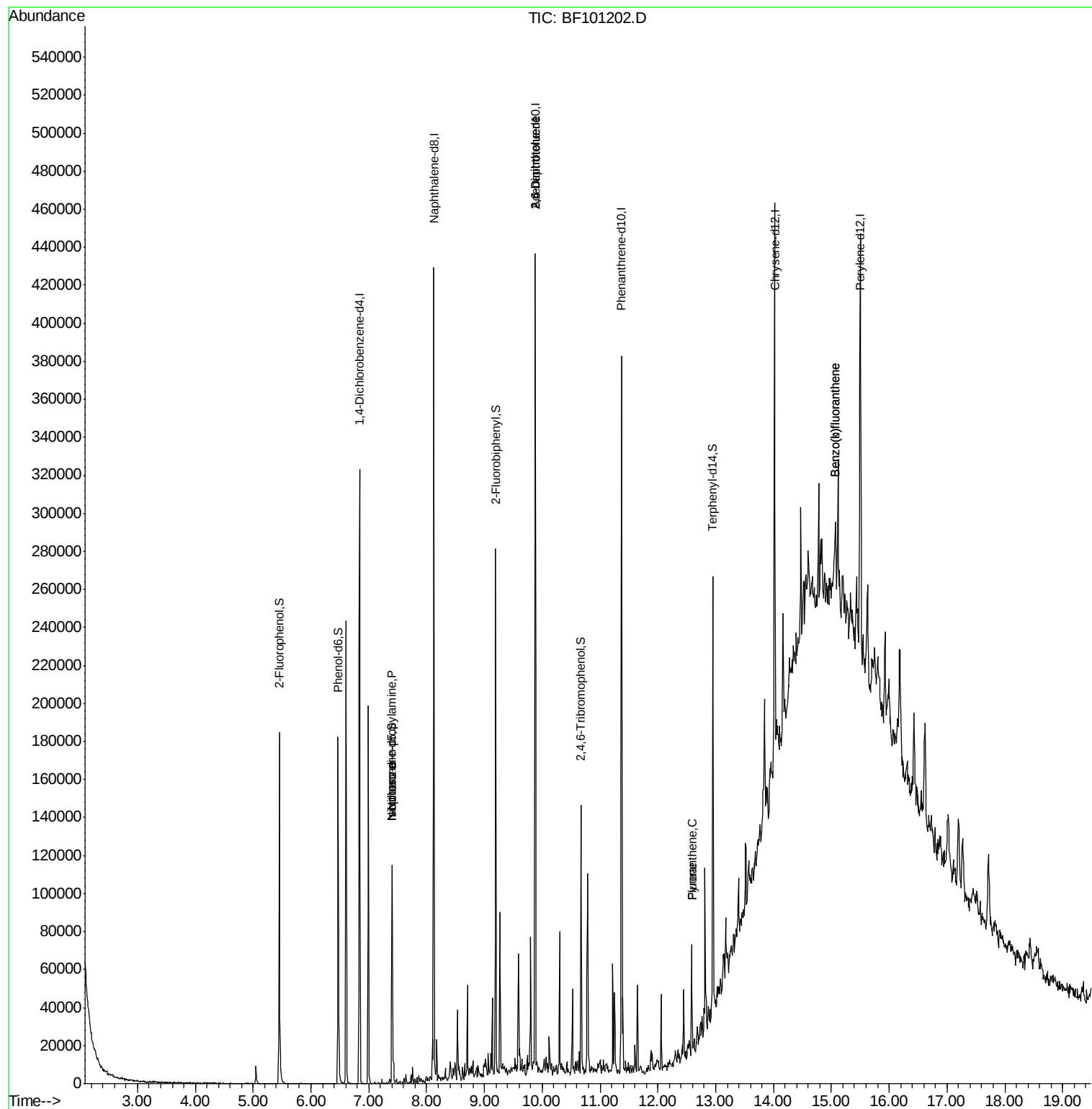
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	46508	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	179660	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	79579	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	130335	20.00	ng	0.00
75) Chrysene-d12	14.02	240	101169	20.00	ng	0.00
86) Perylene-d12	15.50	264	90272	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	56443	20.05	ng	-0.01
7) Phenol-d6	6.47	99	66901	19.58	ng	-0.01
23) Nitrobenzene-d5	7.40	82	40388	13.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	16150	16.89	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	92729	15.94	ng	-0.01
78) Terphenyl-d14	12.95	244	70302	15.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	5696	2.475	ng	# 83
25) Isophorone	7.40	82	40395	7.852	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	10211	7.554	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	10211	5.637	ng	# 21
74) Fluoranthene	12.59	202	20365	2.560	ng	93
77) Pyrene	12.59	202	20365	2.917	ng	96
87) Benzo(b)fluoranthene	15.07	252	12451	2.303	ng	# 1
88) Benzo(k)fluoranthene	15.07	252	12451	2.337	ng	# 1

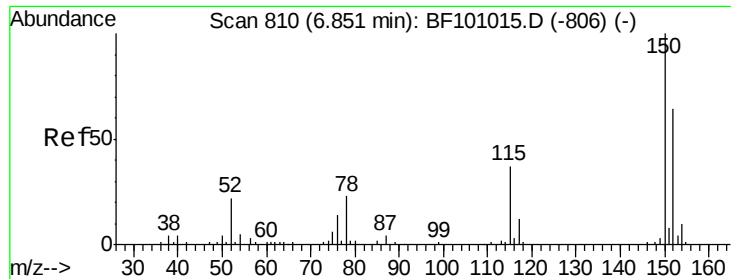
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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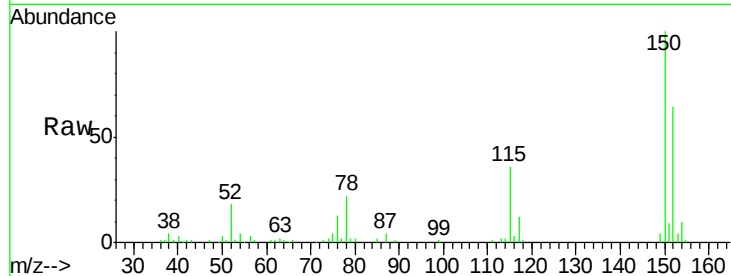




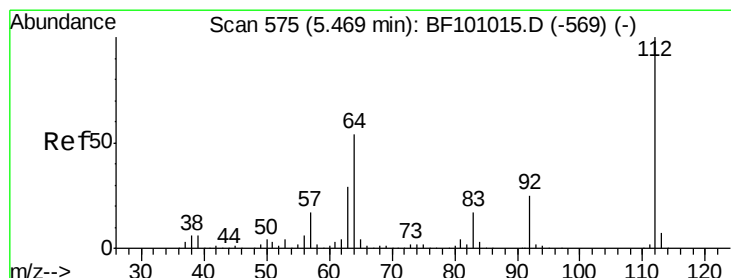
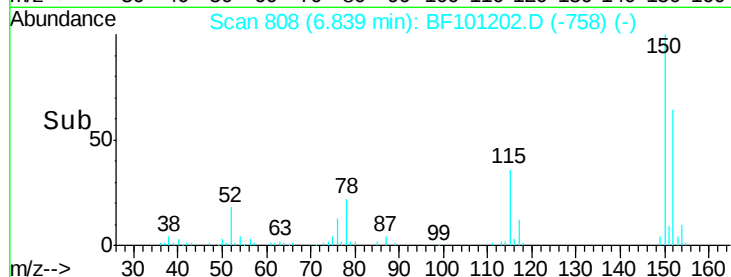
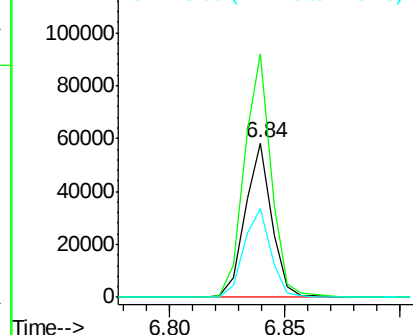
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 46508
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 57.1 50.1 75.1

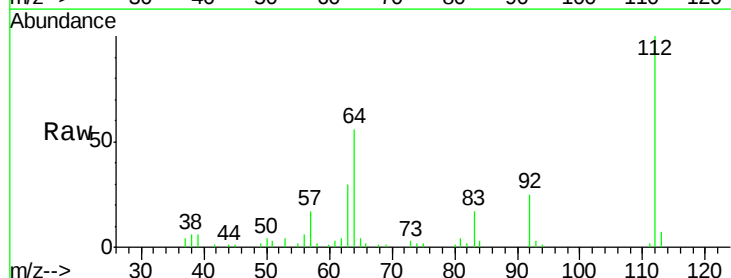


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

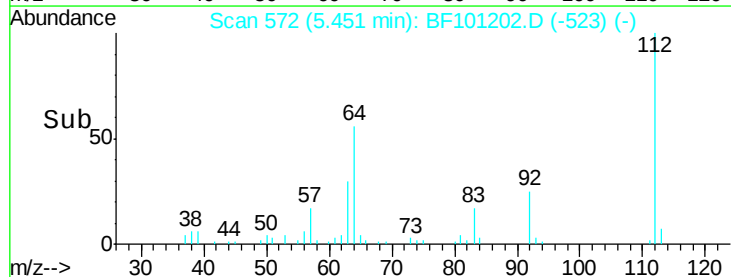
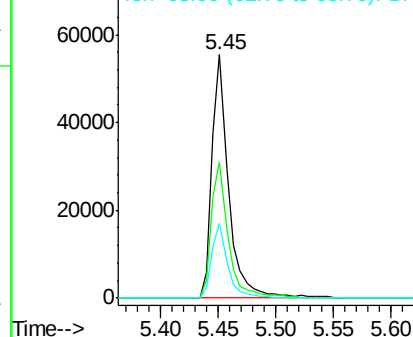


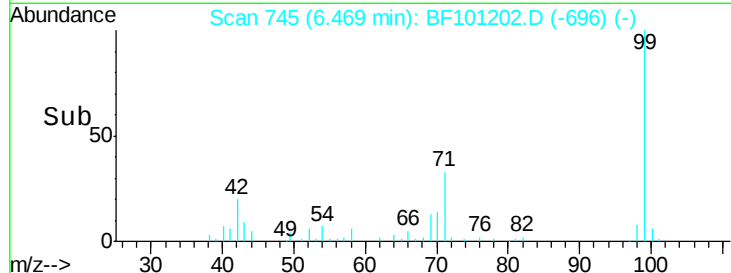
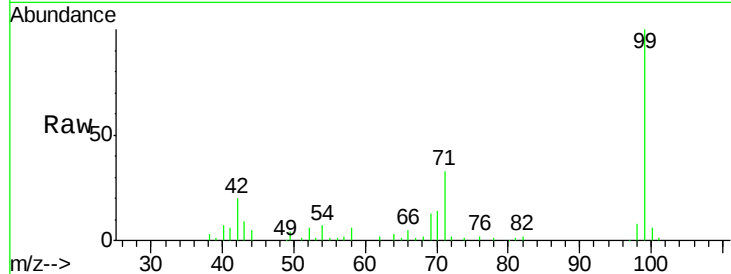
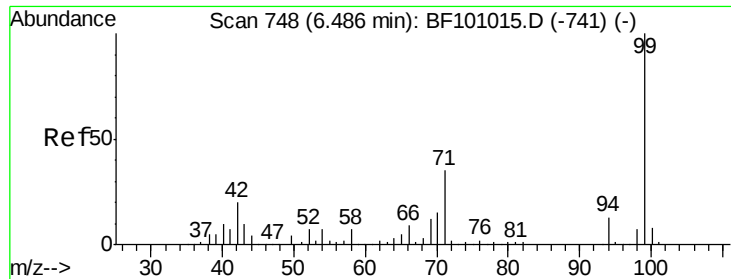
#5
 2-Fluorophenol
 Concen: 20.054 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Tgt Ion:112 Resp: 56443
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 30.4 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

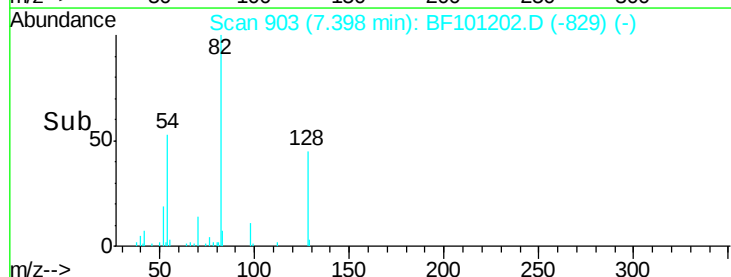
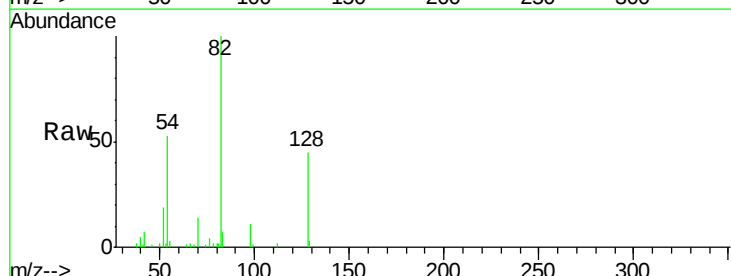
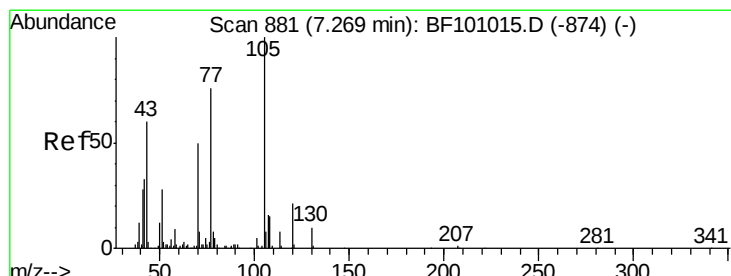
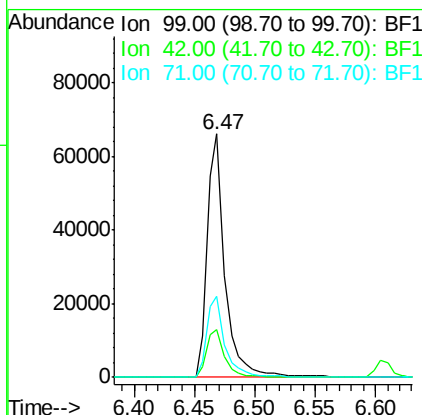




#7
 Phenol-d6
 Concen: 19.578 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

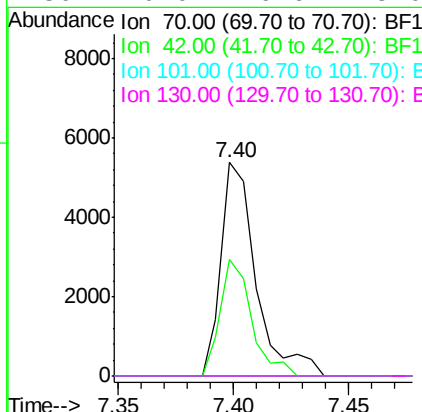
Instrument :
 BNA_F
 ClientSampleId :

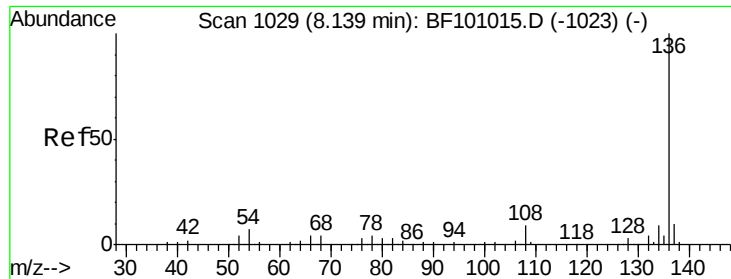
Tot Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	33.4	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 2.475 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.14 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

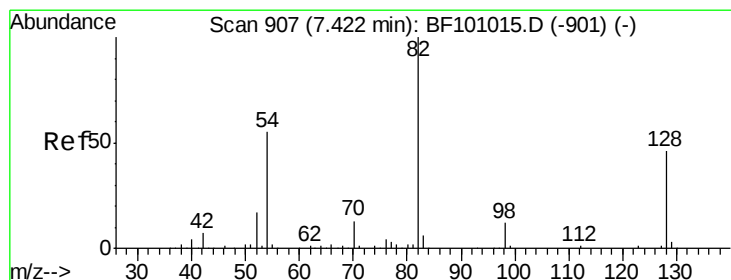
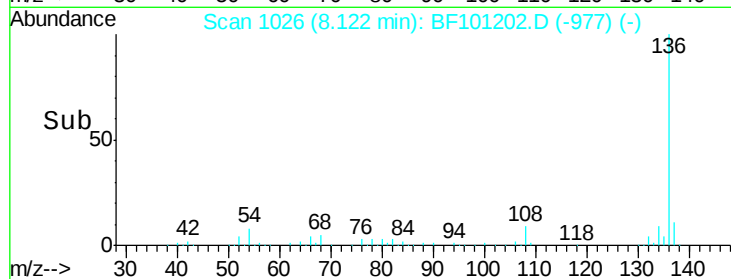
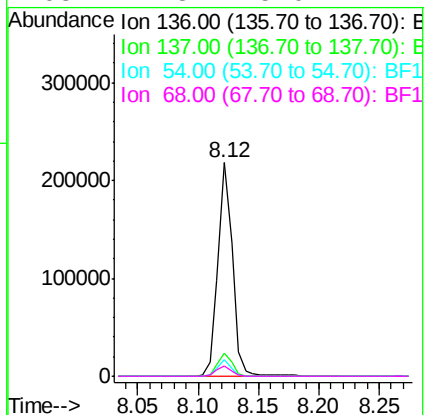
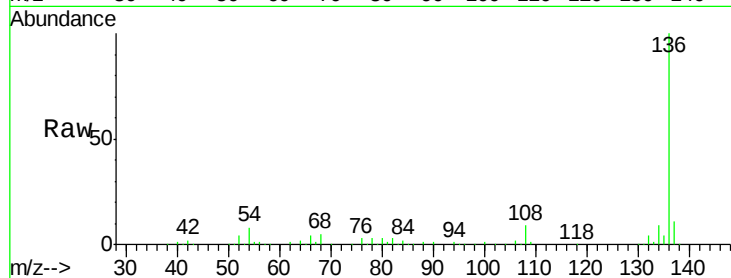




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

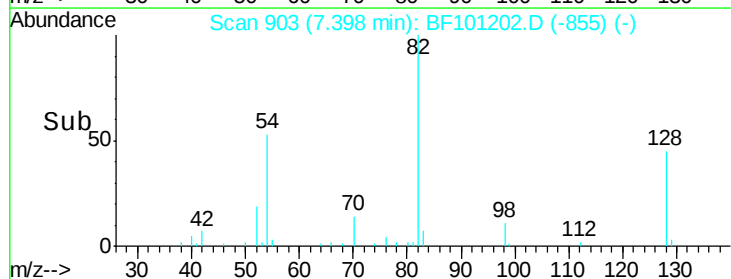
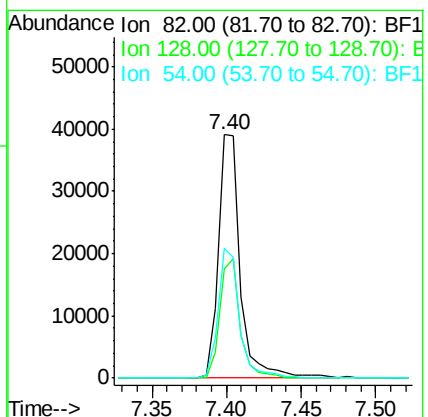
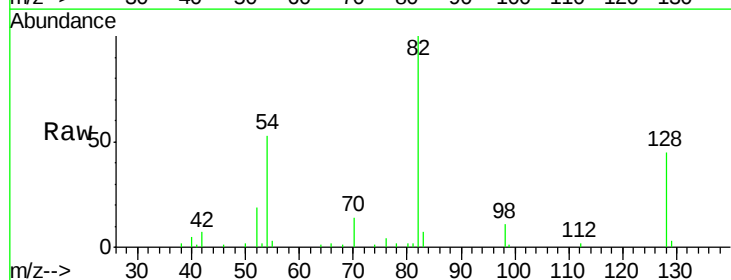
Instrument :
BNA_F
ClientSampleId :

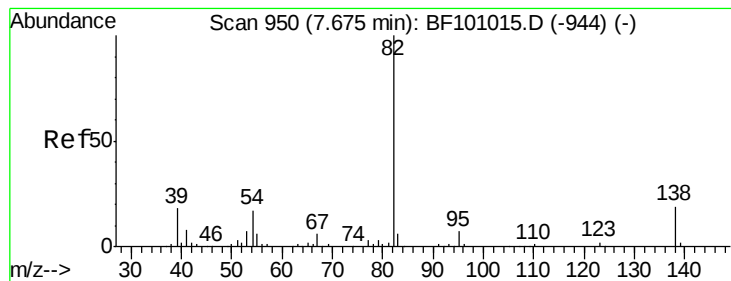
Tot Ion:136 Resp: 179660
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.6 9.8
68 4.8 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 13.410 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF101202.D
Acq: 7 Dec 2017 13:54

Tgt Ion: 82 Resp: 40388
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 53.3 41.4 62.2





#25

Isophorone

Concen: 7.852 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

Instrument :

BNA_F

ClientSampleId :

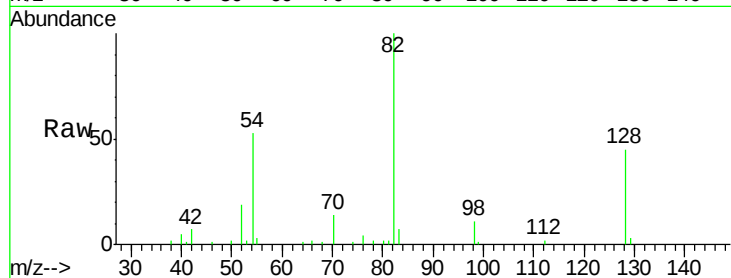
Tot Ion: 82 Resp: 40395

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

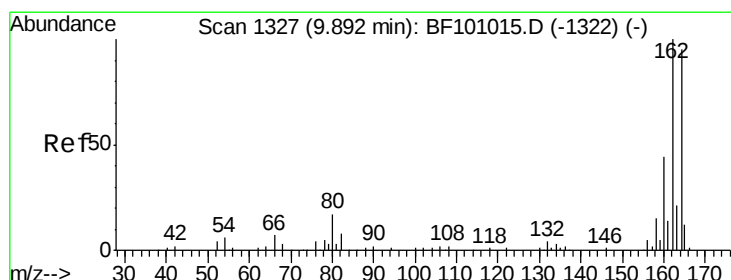
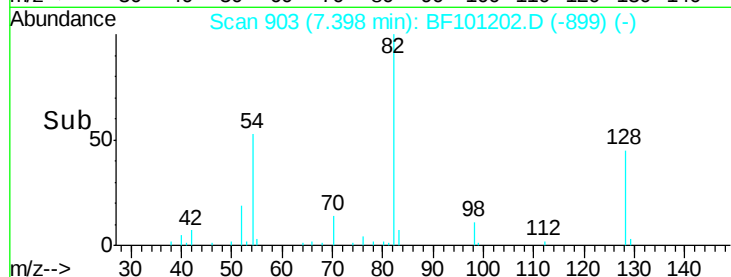
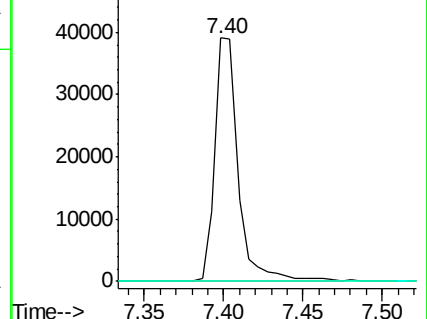
138 0.0 14.9 22.3#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

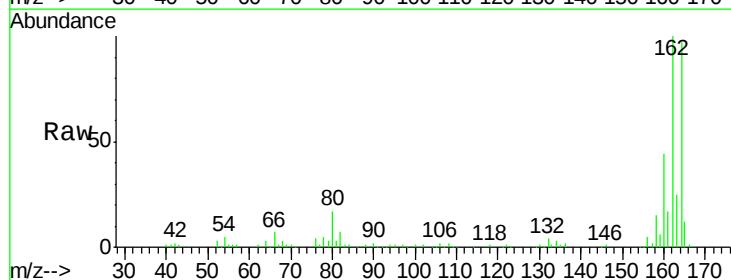
Tgt Ion:164 Resp: 79579

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

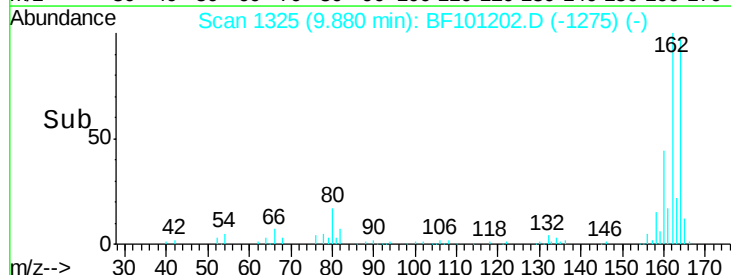
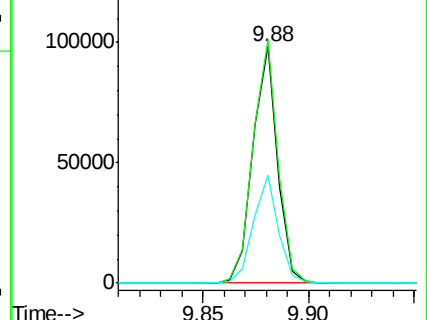
160 45.5 38.3 57.5

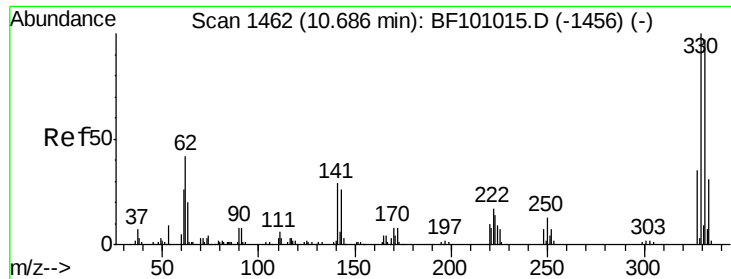


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 16.894 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

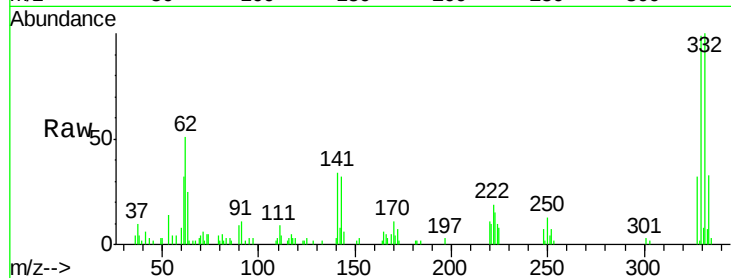
Instrument :

BNA_F

ClientSampleId :

Tot Ion:330 Resp: 16150

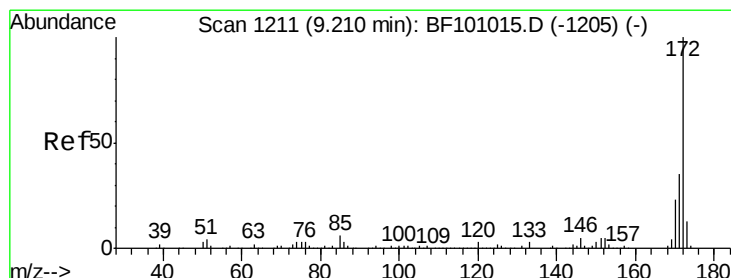
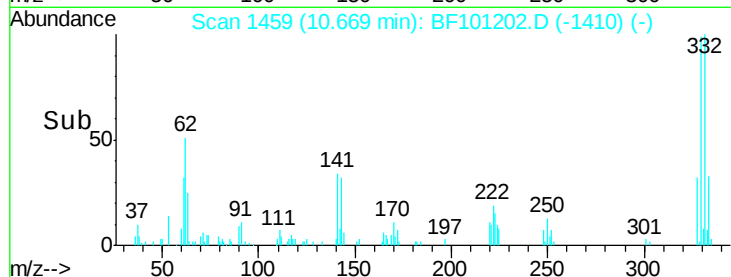
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.2	29.9	44.9



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: 15.943 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

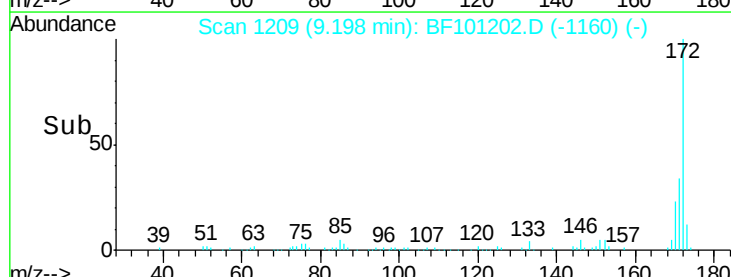
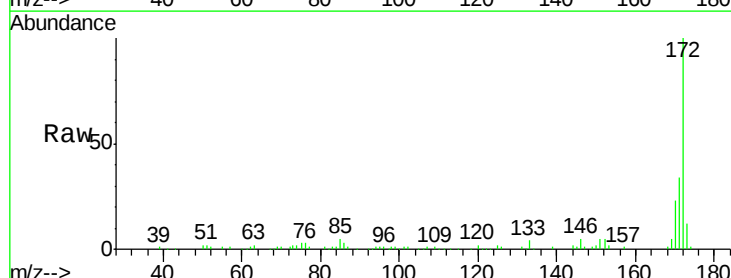
Tgt Ion:172 Resp: 92729

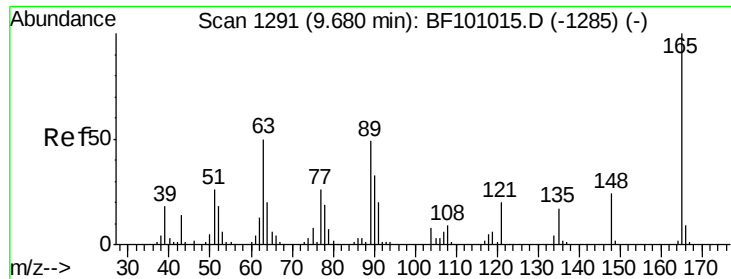
Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	22.8	19.6	29.4

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

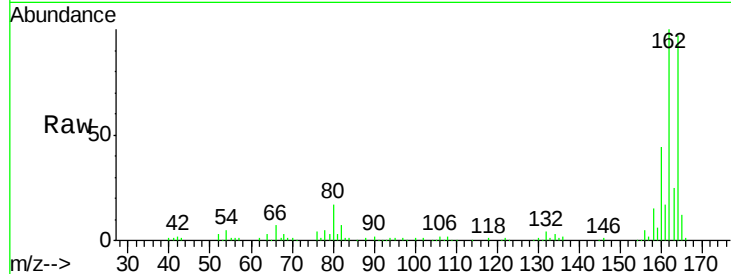




#50
 2,6-Dinitrotoluene
 Concen: 7.554 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :

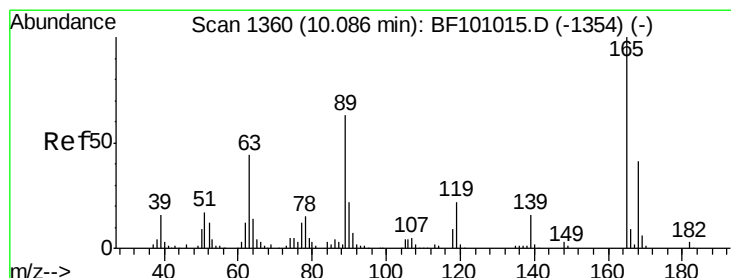
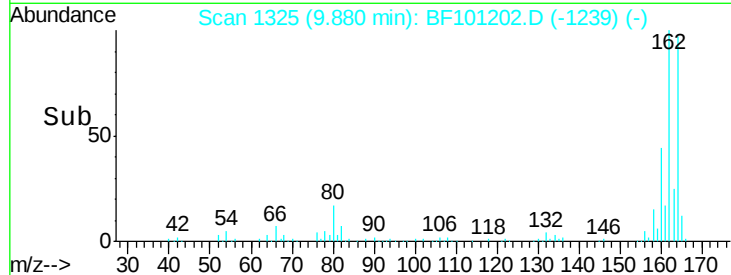
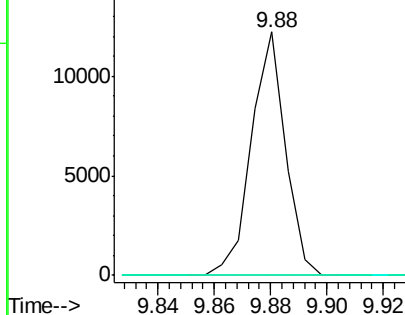
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

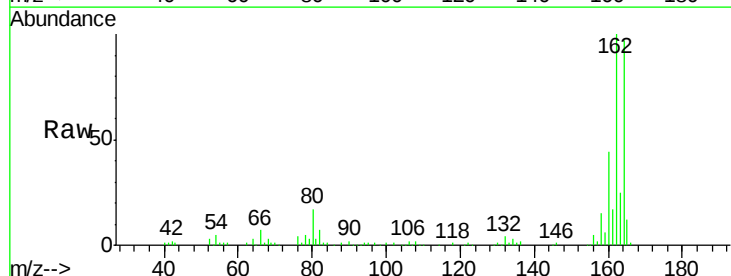
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 5.637 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

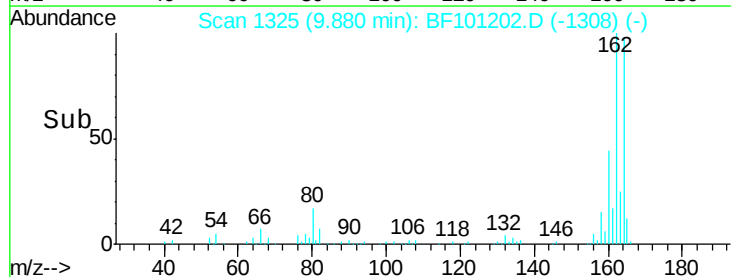
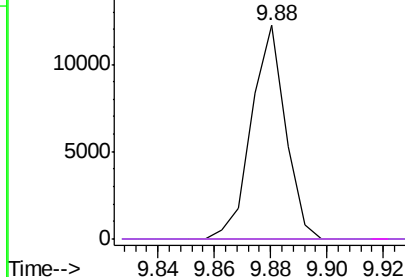


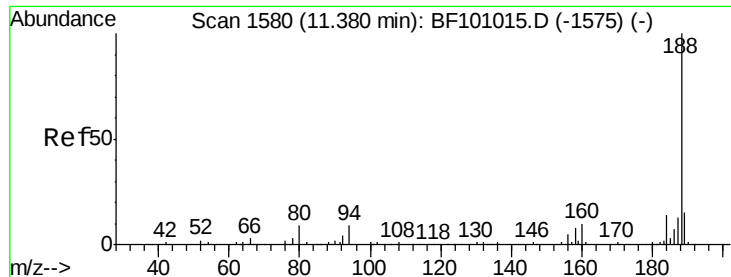
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF101202.D

Acq: 7 Dec 2017 13:54

Instrument :

BNA_F

ClientSampleId :

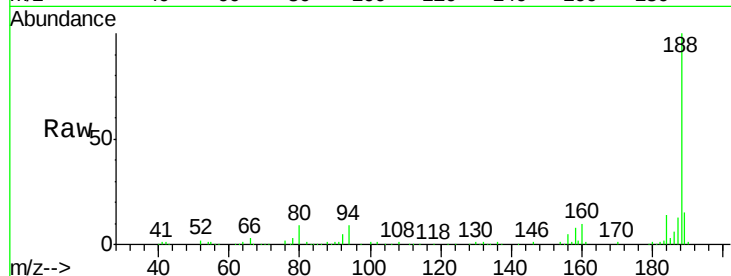
Tot Ion:188 Resp: 130335

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

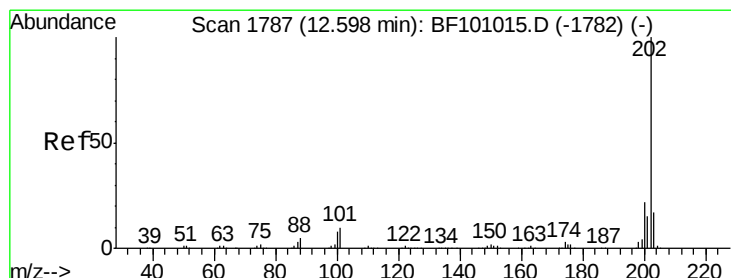
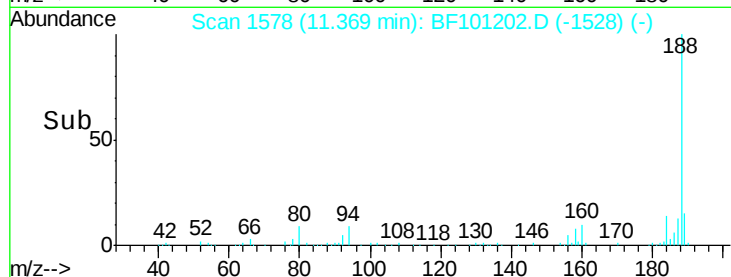
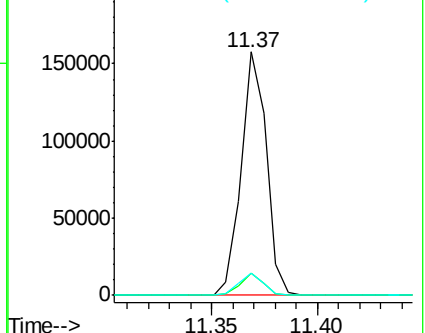
80 9.2 9.2 13.8



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: 2.560 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

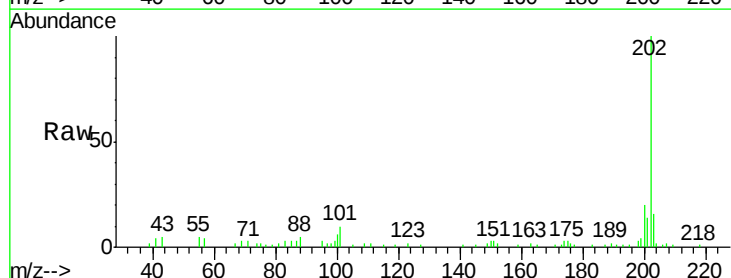
Tgt Ion:202 Resp: 20365

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.1

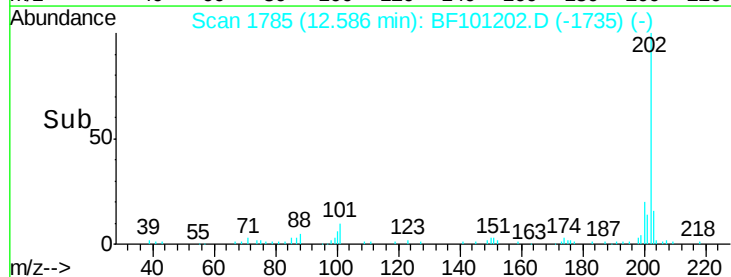
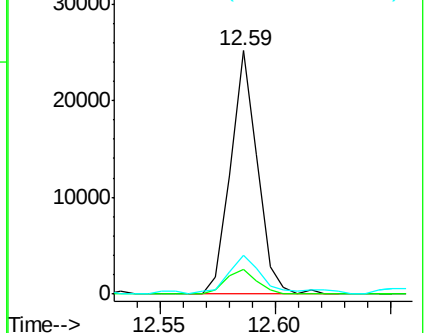
203 15.9 0.0 38.1

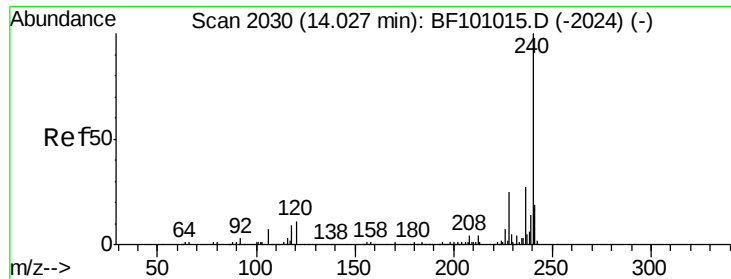


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

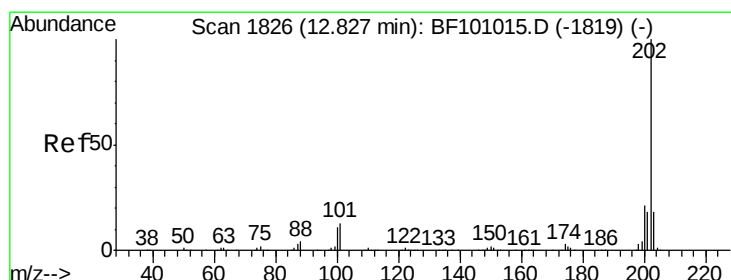
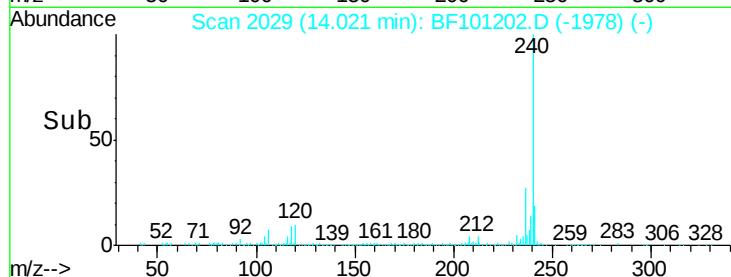
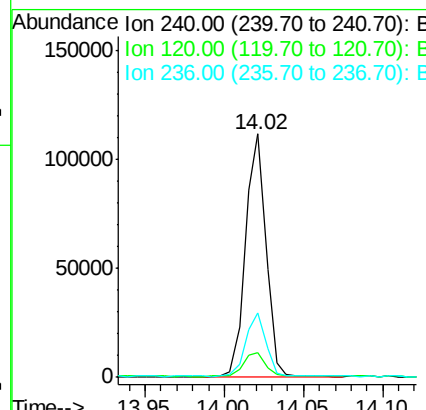
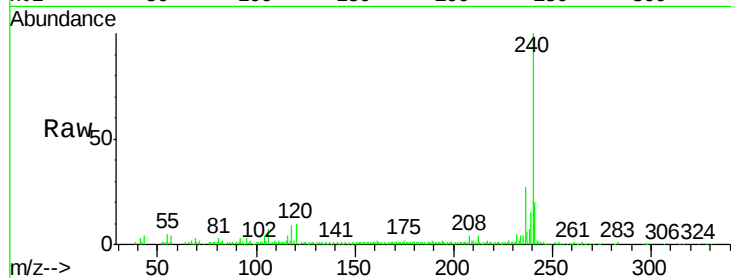




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

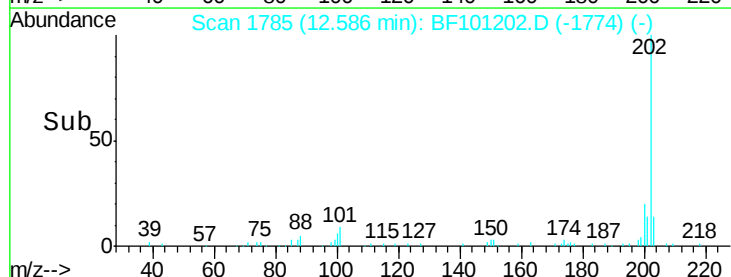
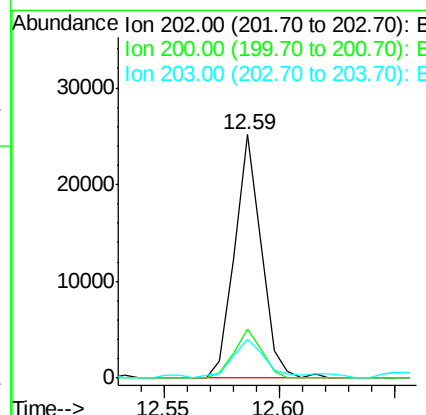
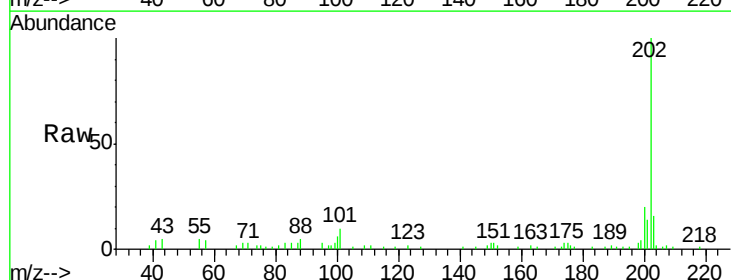
Instrument :
 BNA_F
 ClientSampled :

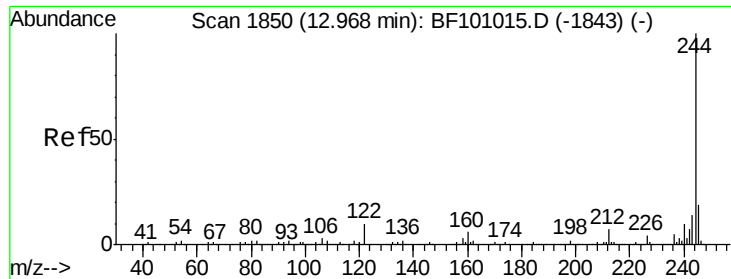
Tot Ion:240 Resp: 101169
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 26.6 20.7 31.1



#77
 Pyrene
 Concen: 2.917 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.24 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Tgt Ion:202 Resp: 20365
 Ion Ratio Lower Upper
 202 100
 200 20.0 17.4 26.2
 203 15.9 14.3 21.5

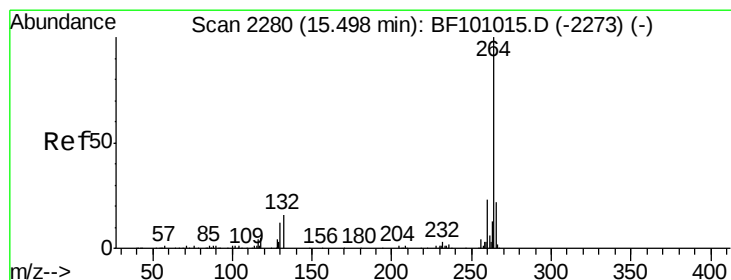
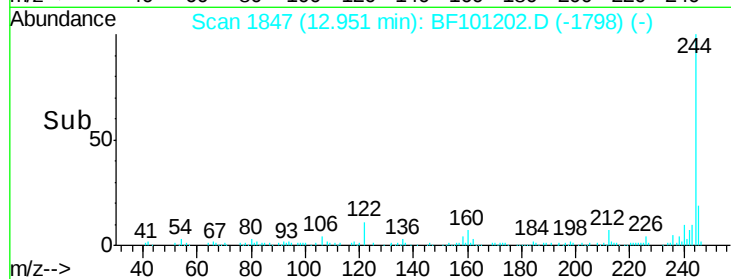
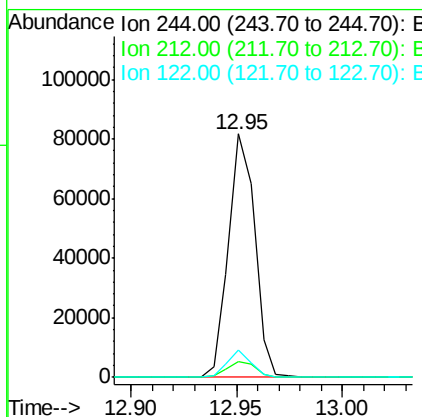
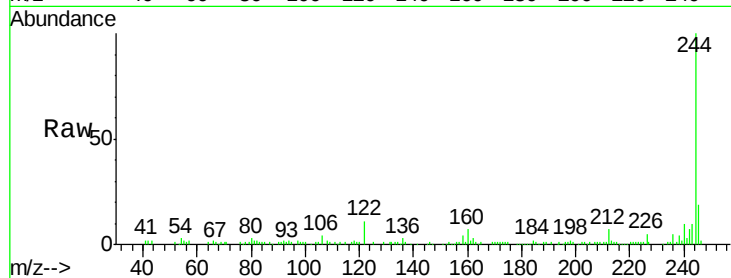




#78
 Terphenyl-d14
 Concen: 15.199 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

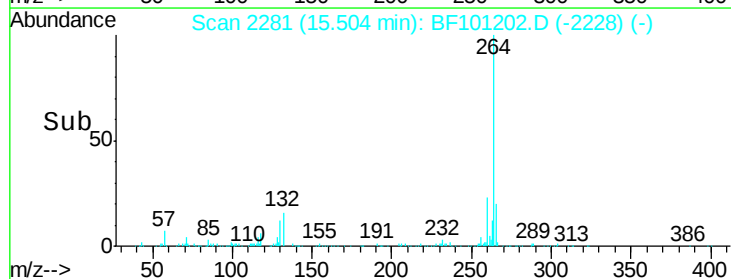
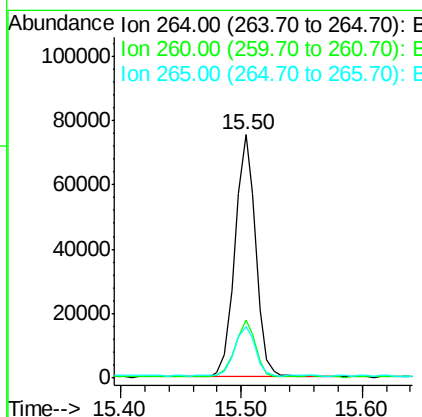
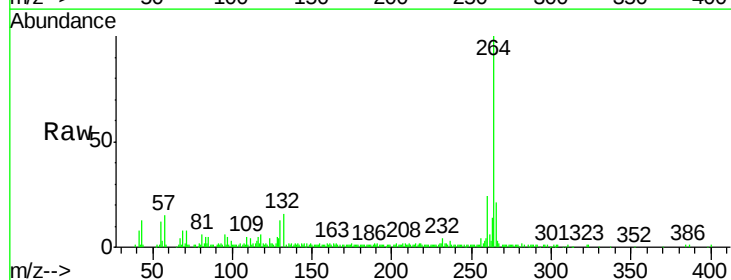
Instrument :
 BNA_F
 ClientSampleId :

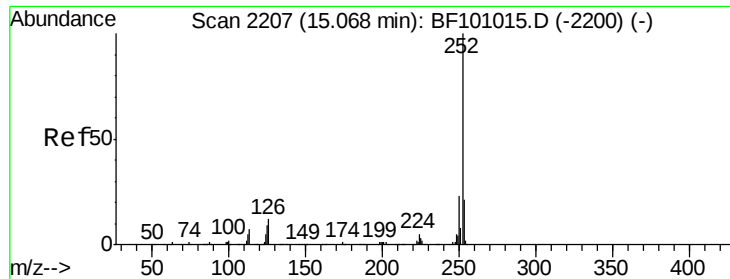
Tot Ion:244 Resp: 70302
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BF101202.D
 Acq: 7 Dec 2017 13:54

Tgt Ion:264 Resp: 90272
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.303 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

Instrument :

BNA_F

ClientSampleId :

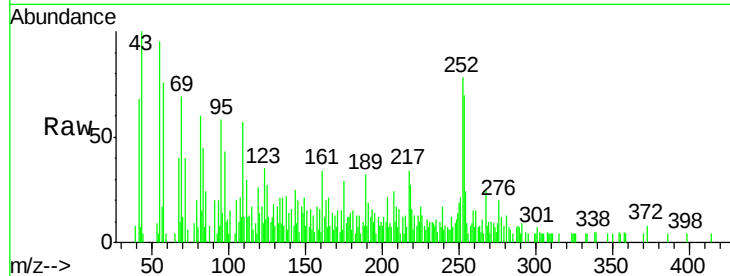
Tot Ion:252 Resp: 12451

Ion Ratio Lower Upper

252 100

253 89.9 17.0 25.6#

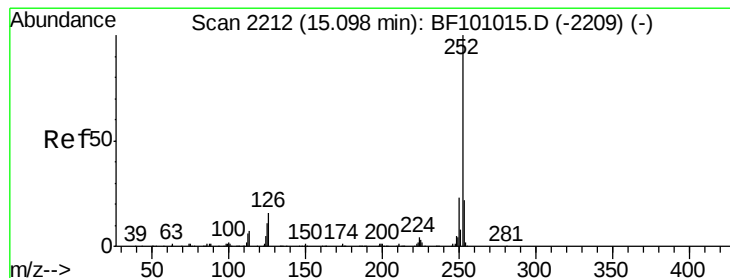
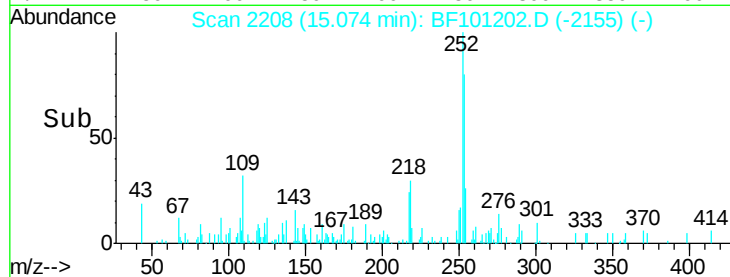
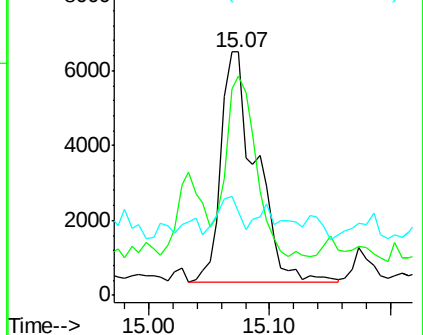
125 34.3 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 2.337 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF101202.D

Acq: 7 Dec 2017 13:54

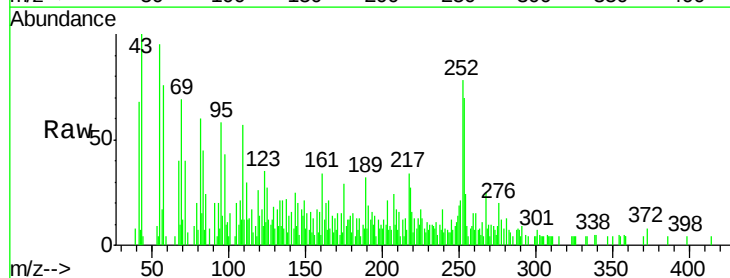
Tgt Ion:252 Resp: 12451

Ion Ratio Lower Upper

252 100

253 89.9 17.9 26.9#

125 34.3 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

