

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101205.D
 Acq On : 7 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I6765-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 16:35:19 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

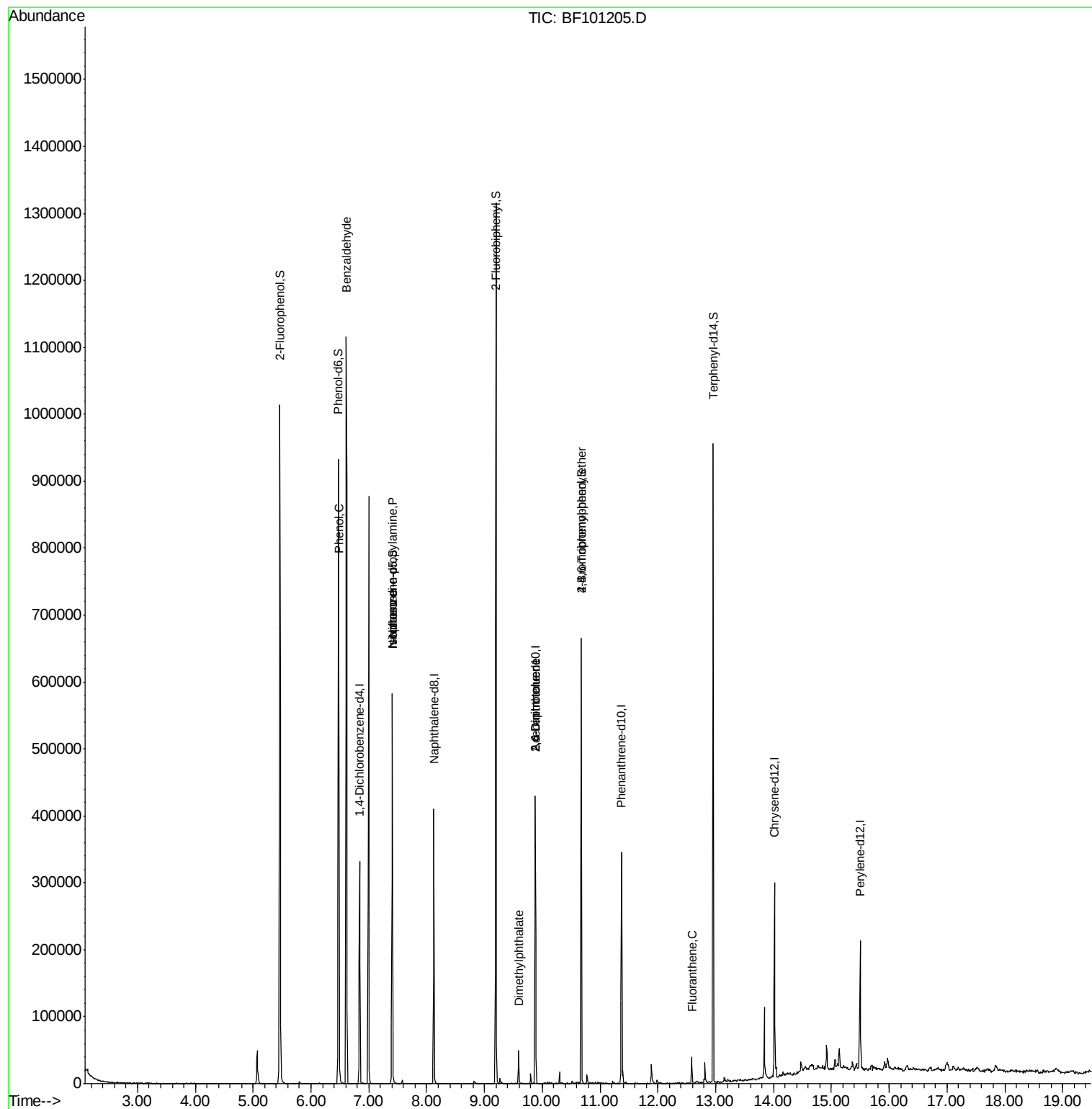
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	46955	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	178002	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	78351	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	129035	20.00	ng	0.00
75) Chrysene-d12	14.02	240	102316	20.00	ng	0.00
86) Perylene-d12	15.50	264	88891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	275700	97.02	ng	0.00
7) Phenol-d6	6.47	99	332613	96.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	201884	67.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	79586	84.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	397320	69.38	ng	-0.01
78) Terphenyl-d14	12.96	244	296101	63.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	6223	2.947	ng	83
10) Phenol	6.49	94	15520	4.046	ng	91
19) n-Nitroso-di-n-propylamine	7.40	70	25716	11.068	ng	# 82
25) Isophorone	7.40	82	201911	39.614	ng	# 64
49) Dimethylphthalate	9.59	163	18675	2.955	ng	99
50) 2,6-Dinitrotoluene	9.88	165	9851	7.402	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	9851	5.523	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5030	3.483	ng	# 1
74) Fluoranthene	12.59	202	16601	2.108	ng	94

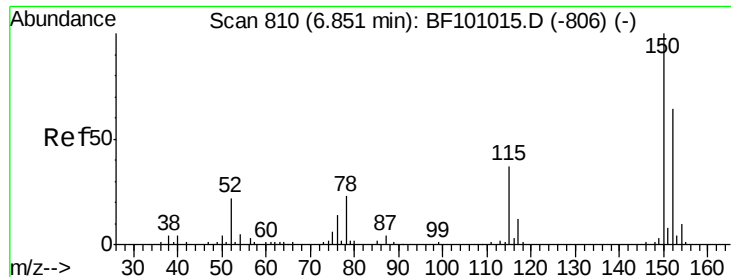
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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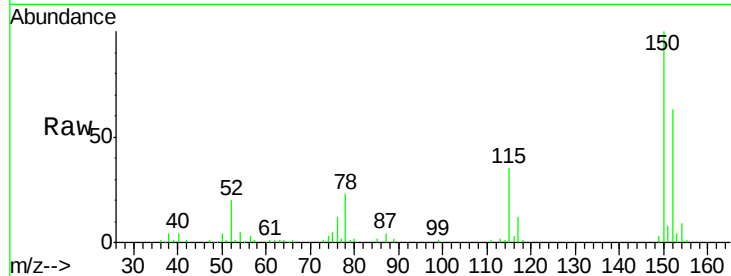


#1

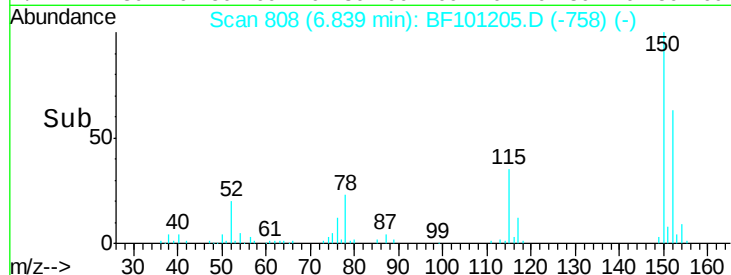
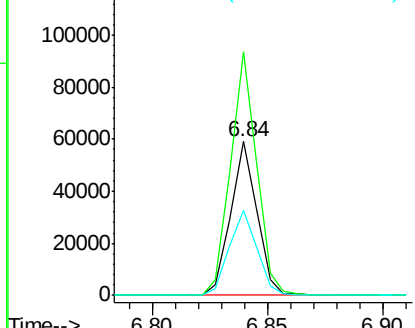
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	55.6	50.1	75.1



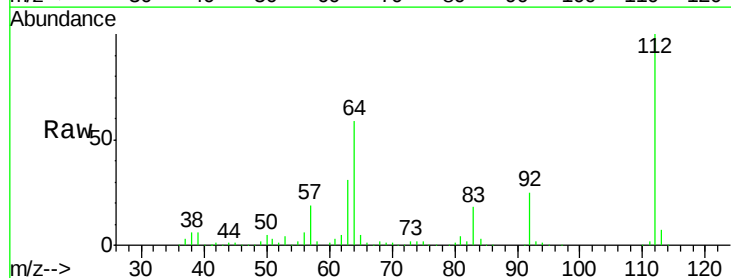
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



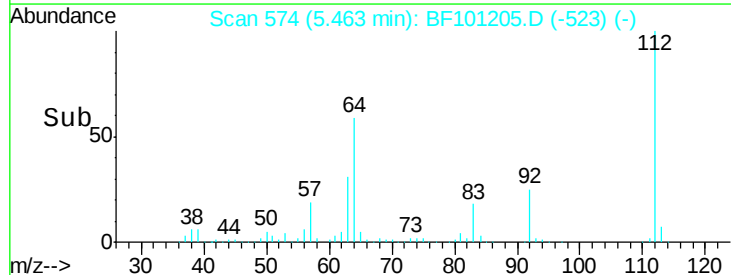
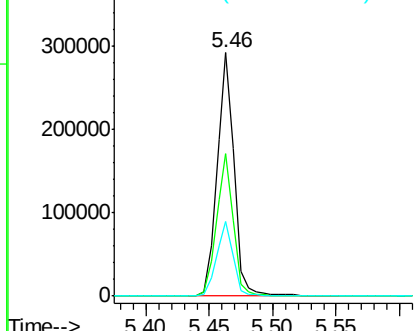
#5

2-Fluorophenol
Concen: 97.025 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	30.7	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: 96.412 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

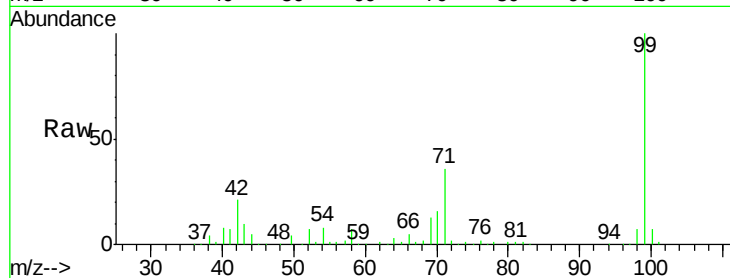
Tot Ion: 99 Resp: 332613

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

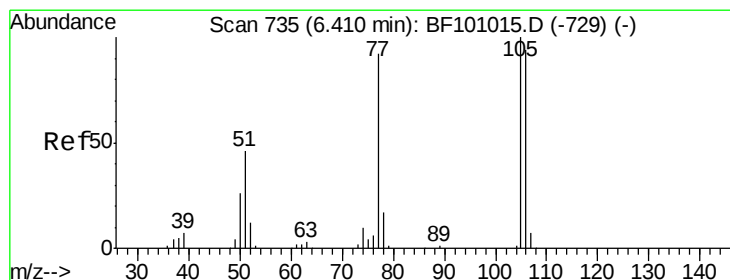
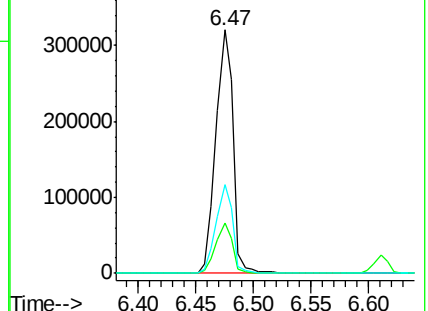
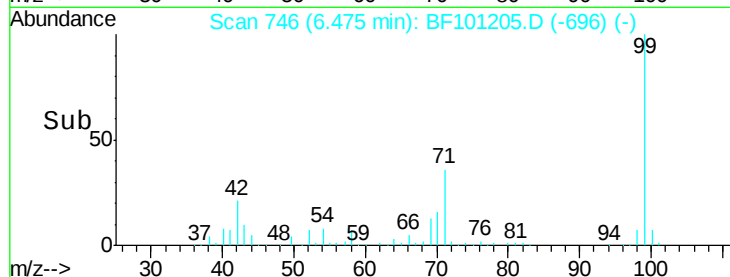
71 36.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.947 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

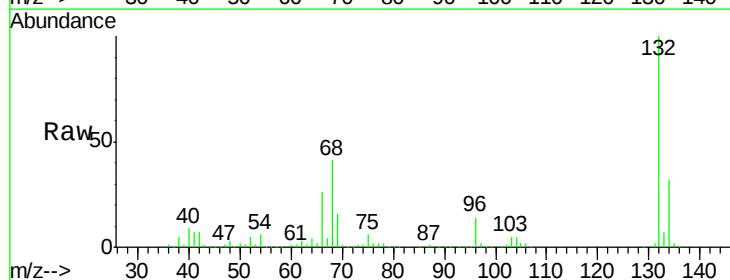
Tgt Ion: 77 Resp: 6223

Ion Ratio Lower Upper

77 100

105 85.8 81.1 121.1

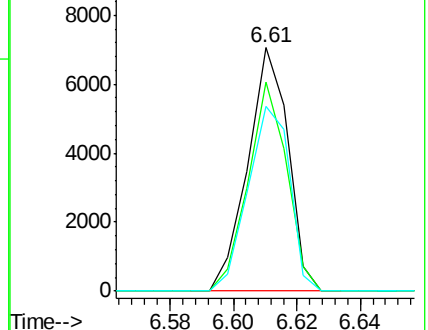
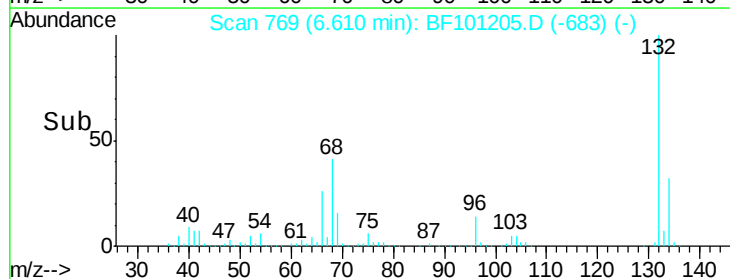
106 75.8 74.5 114.5

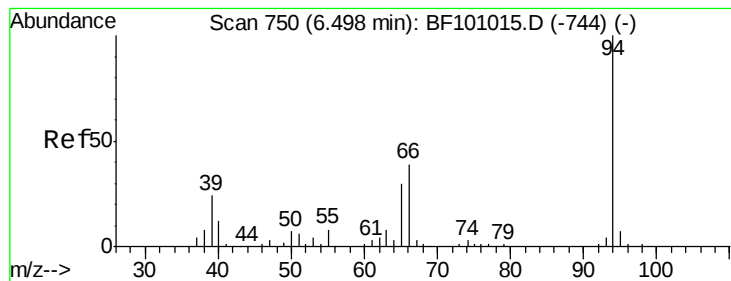


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.046 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

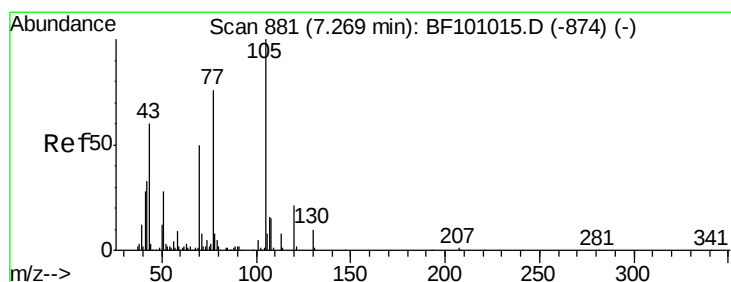
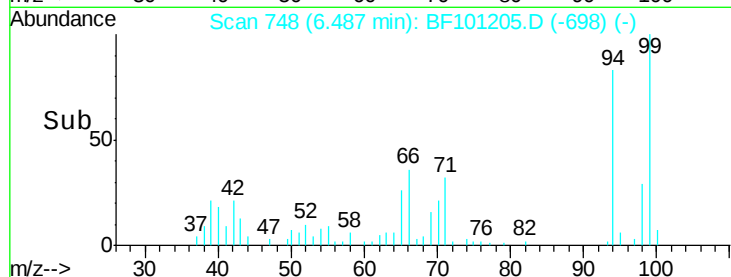
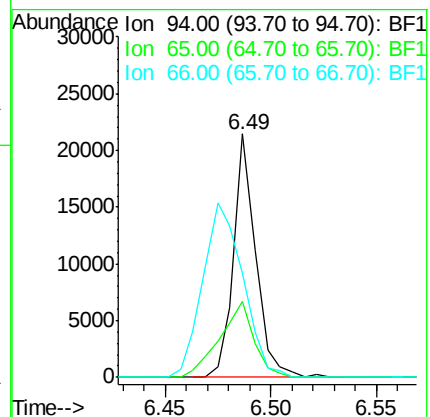
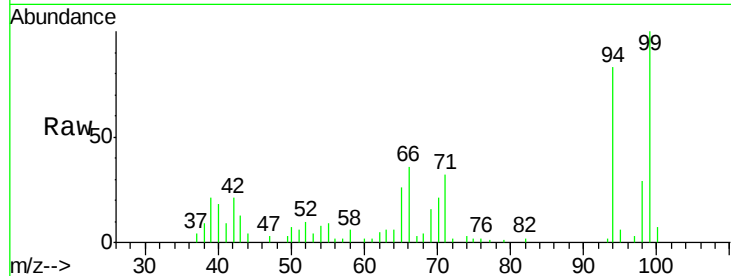
Tot Ion: 94 Resp: 15520

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 42.8 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.068 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

Tgt Ion: 70 Resp: 25716

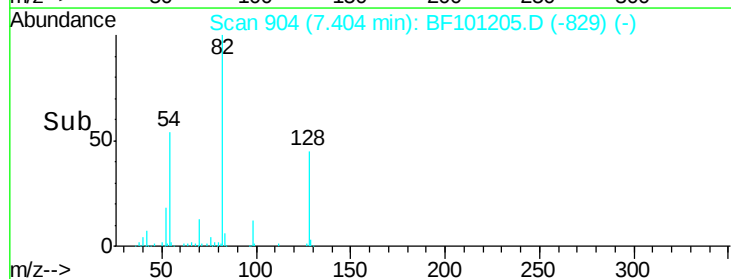
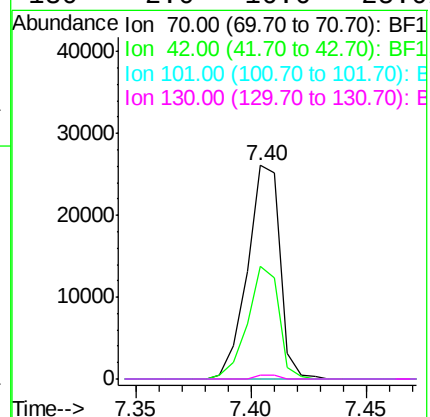
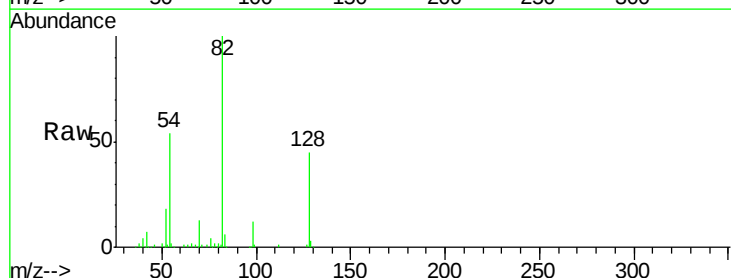
Ion Ratio Lower Upper

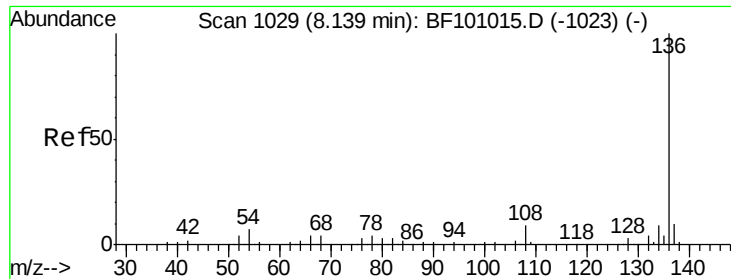
70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

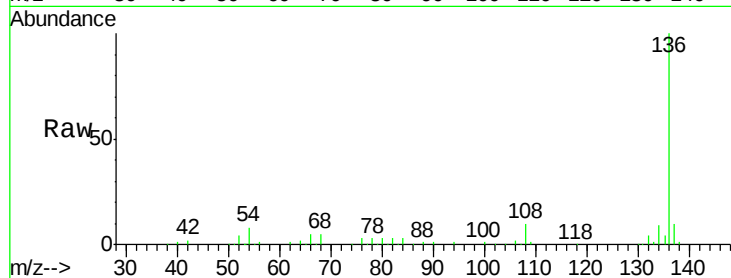




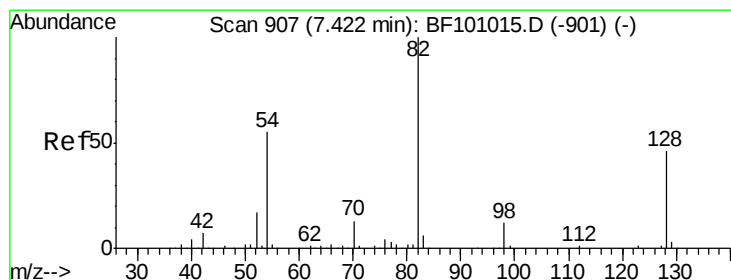
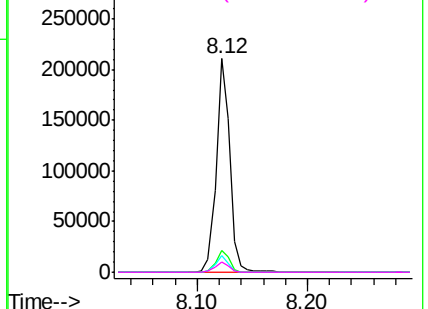
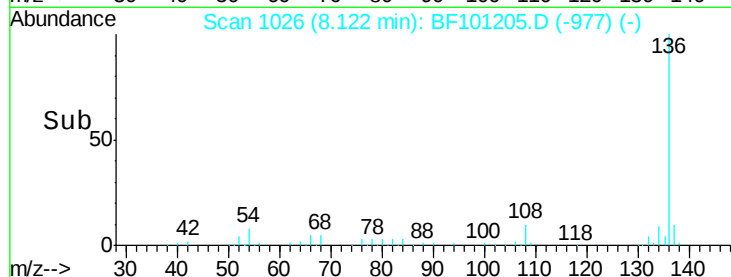
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	178002
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.7	6.6 9.8
68	4.9	5.0 7.4#

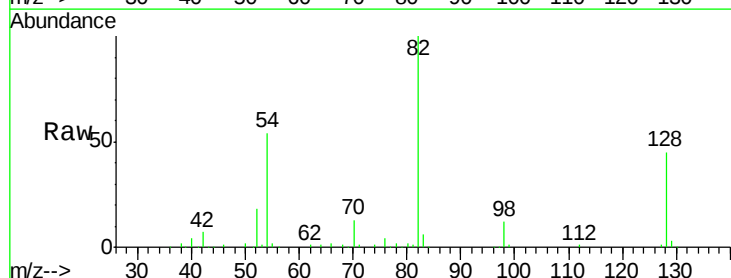


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

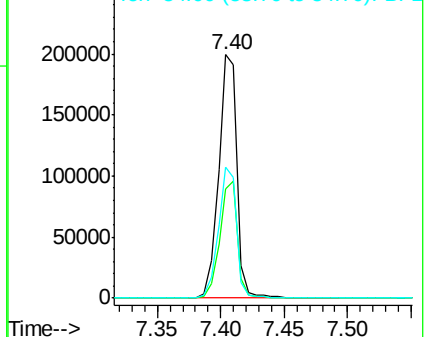
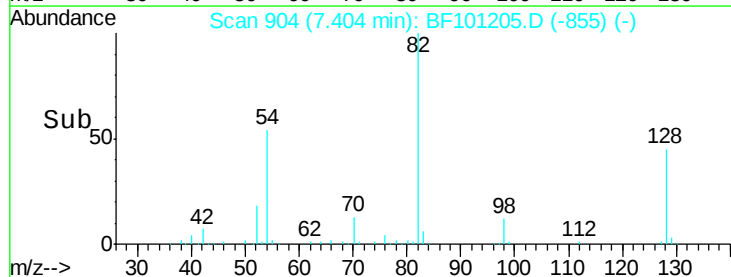


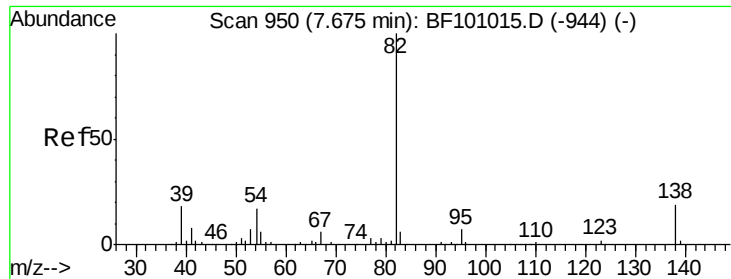
#23
Nitrobenzene-d5
Concen: 67.657 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion: 82	Resp:	201884
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.1 54.1
54	53.9	41.4 62.2



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: 39.614 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF101205.D

Acq: 7 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

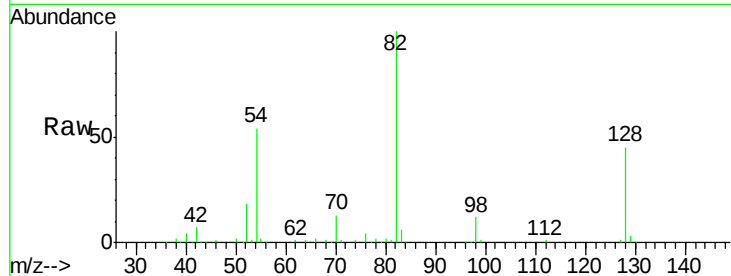
Tot Ion: 82 Resp: 201911

Ion Ratio Lower Upper

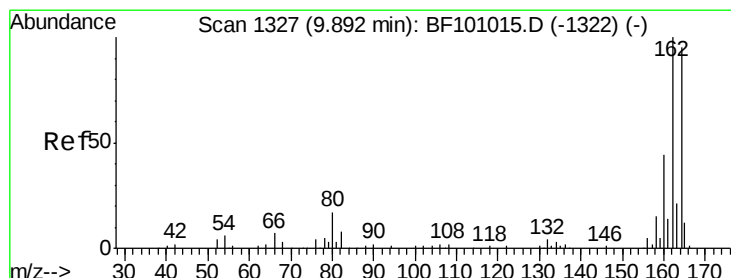
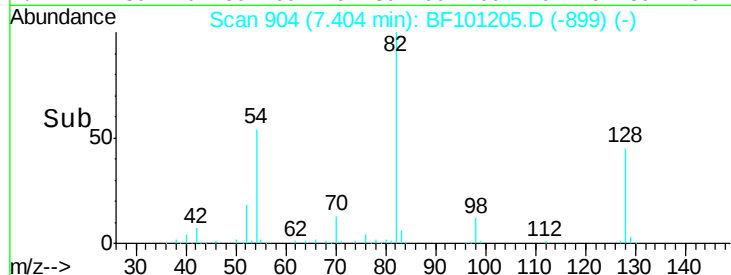
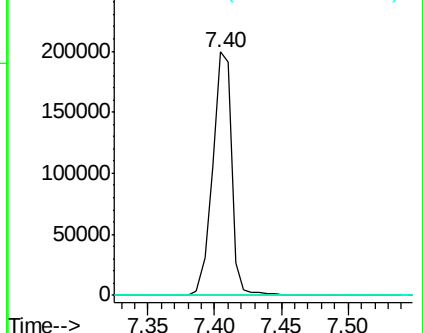
82 100

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: BF101205.D

Acq: 7 Dec 2017 15:15

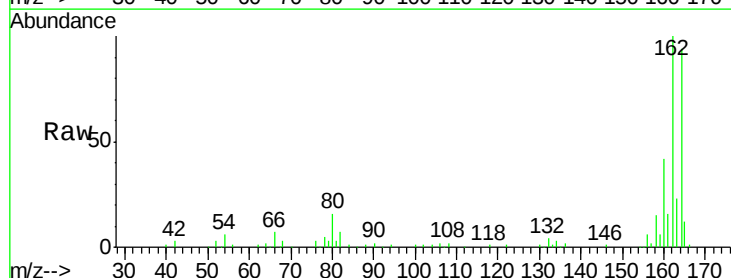
Tgt Ion:164 Resp: 78351

Ion Ratio Lower Upper

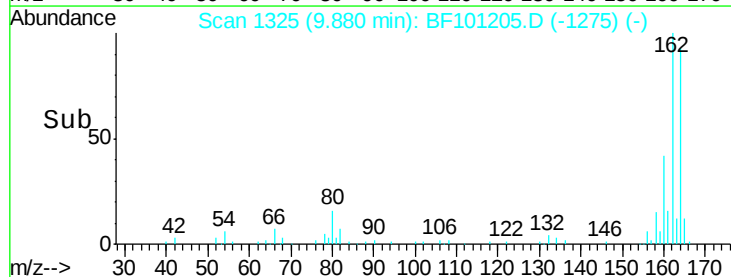
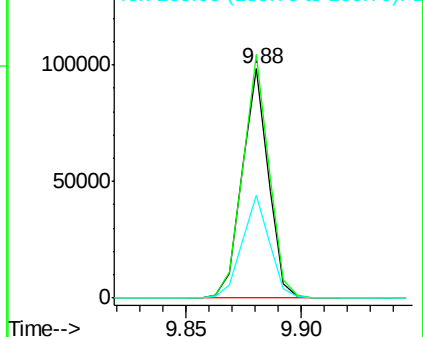
164 100

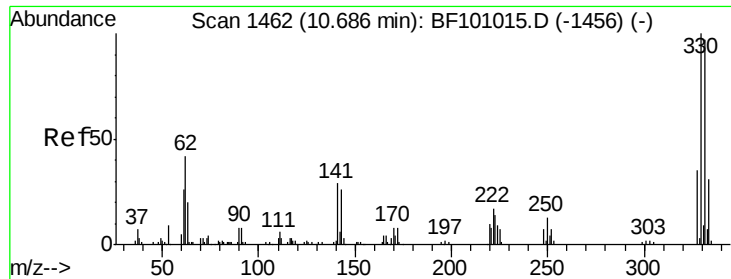
162 106.4 86.1 129.1

160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

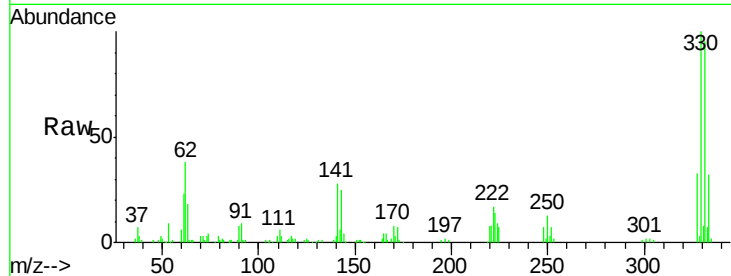




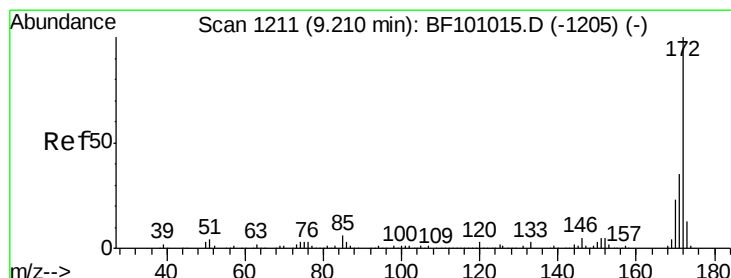
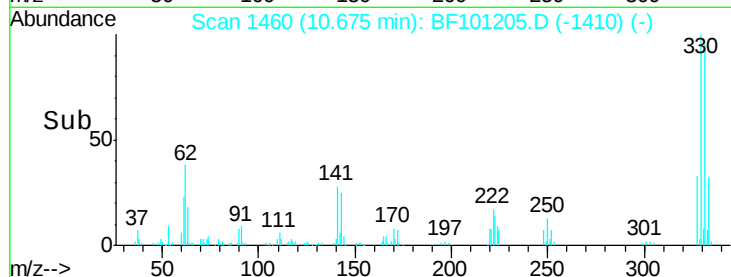
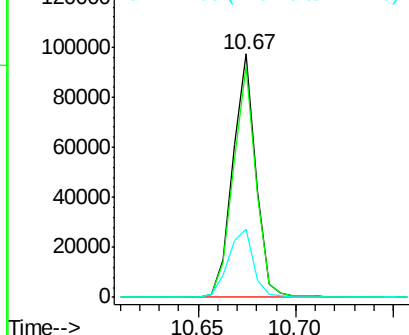
#41
 2,4,6-Tribromophenol
 Concen: 84.556 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	Resp	79586
Ion Ratio	100	Lower	Upper
330	100	77.0	115.6
332	94.1	29.9	44.9
141	30.4		

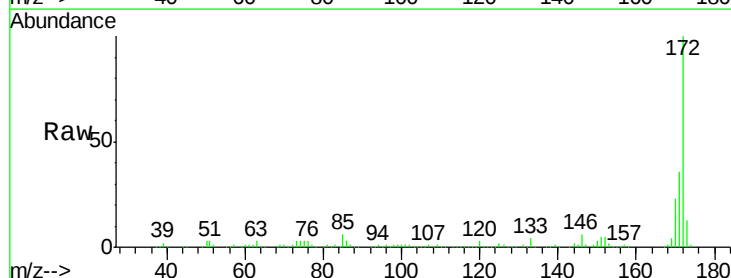


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

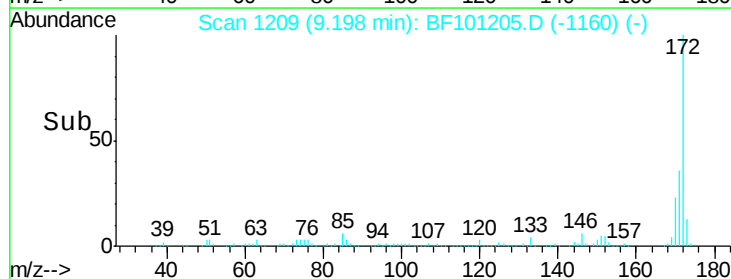
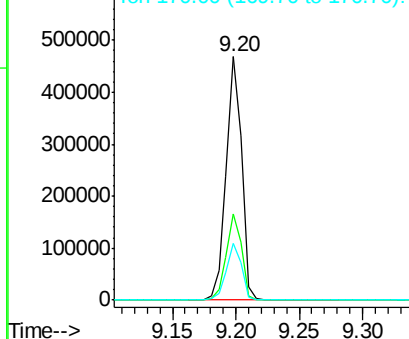


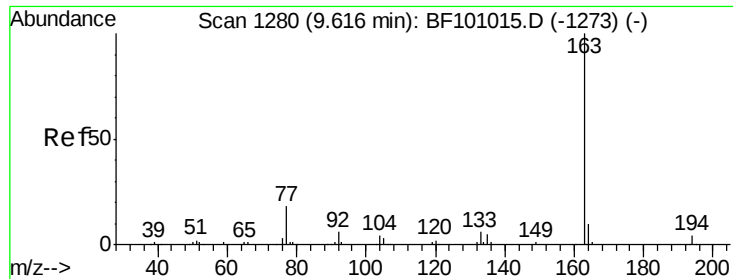
#44
 2-Fluorobiphenyl
 Concen: 69.382 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

Tgt Ion	172	Resp	397320
Ion Ratio	100	Lower	Upper
172	100	29.7	44.5
171	35.6	19.6	29.4
170	23.3		



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

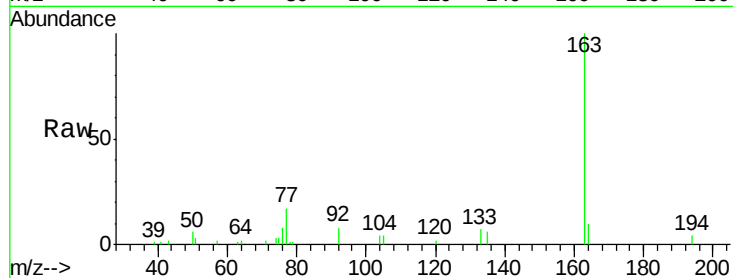




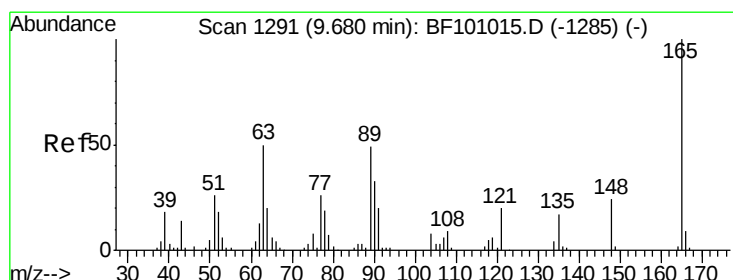
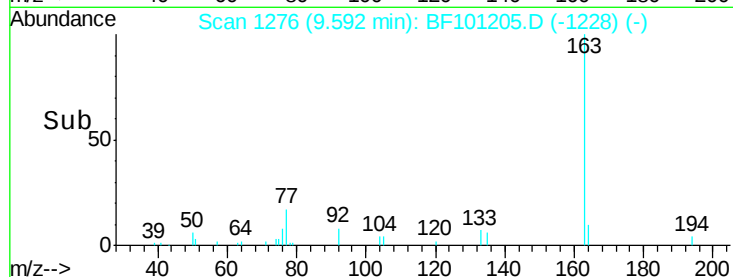
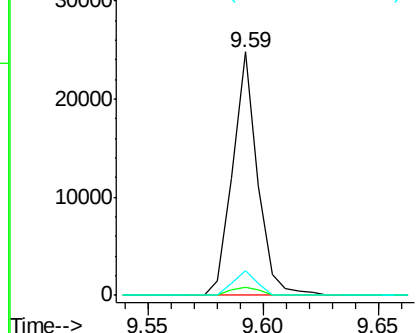
#49
Dimethylphthalate
Concen: 2.955 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 18675
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2

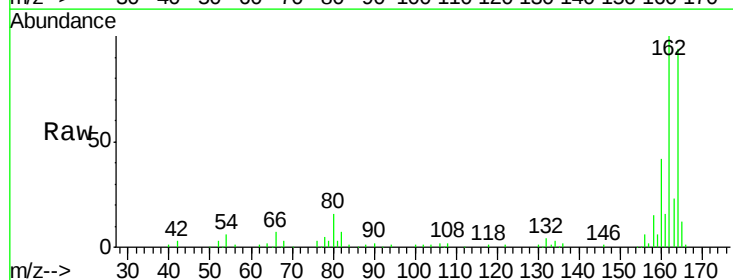


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

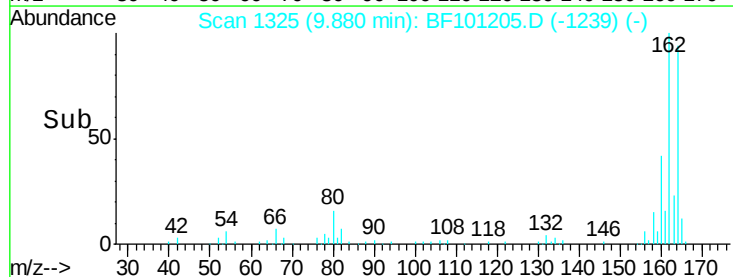
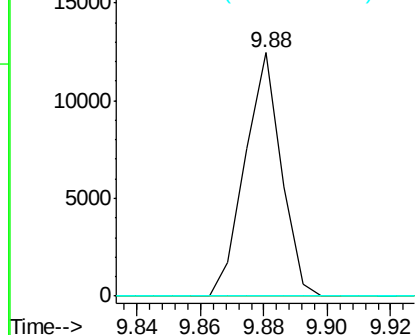


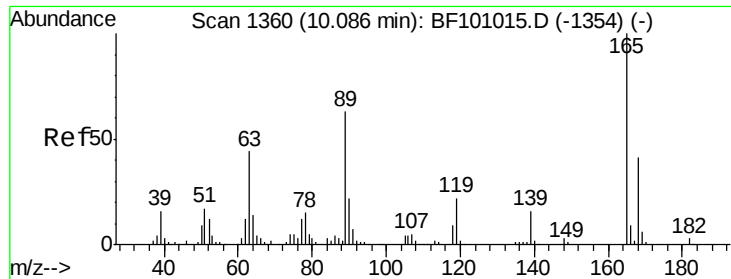
#50
2,6-Dinitrotoluene
Concen: 7.402 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion:165 Resp: 9851
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

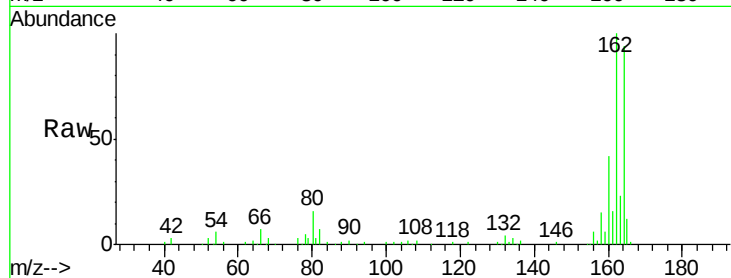




#56
2,4-Dinitrotoluene
Concen: 5.523 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :

Tot 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#

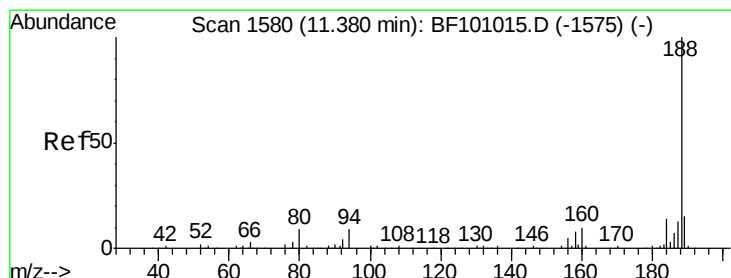
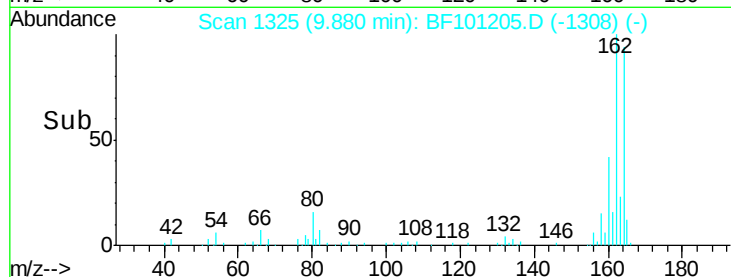
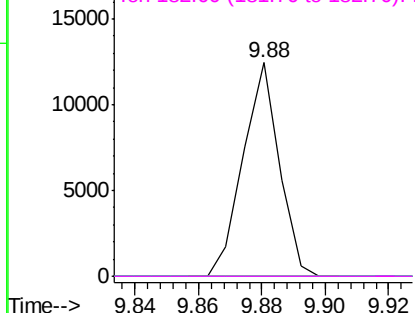


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

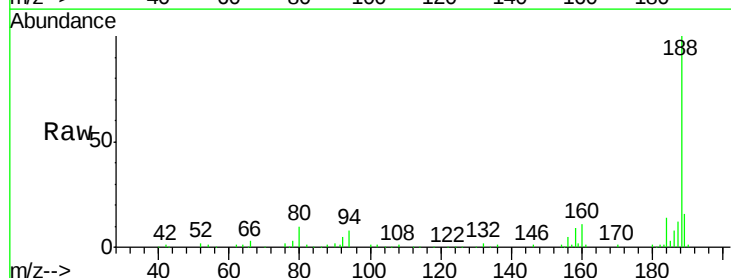
Ion 89.00 (88.70 to 89.70): BF1

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: BF101205.D
Acq: 7 Dec 2017 15:15

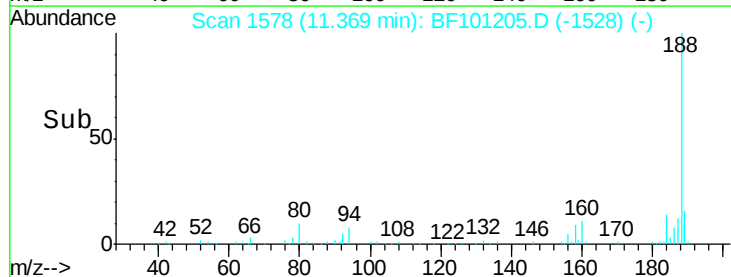
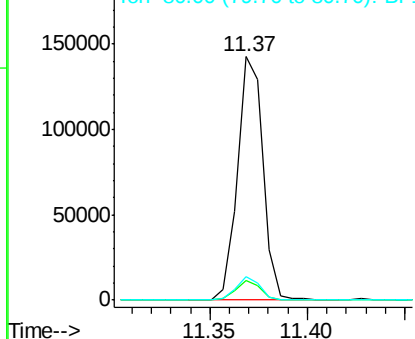
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.7	9.2	13.8

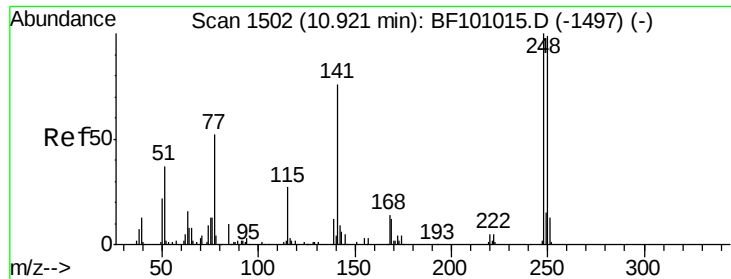


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

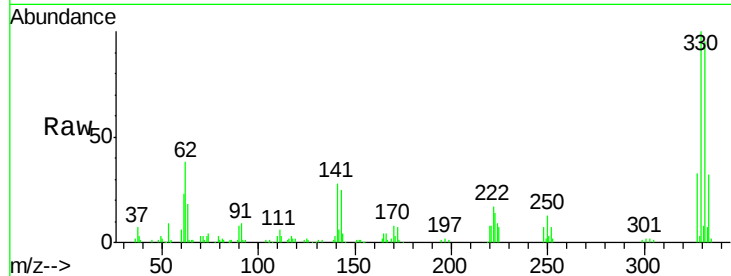




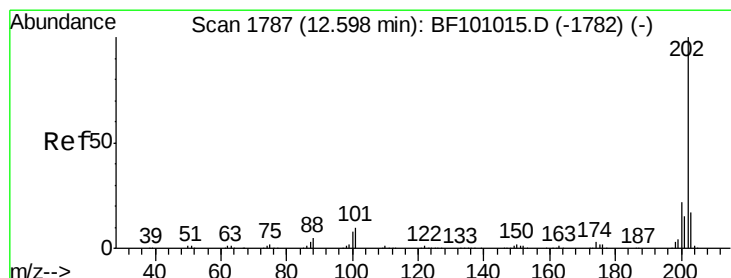
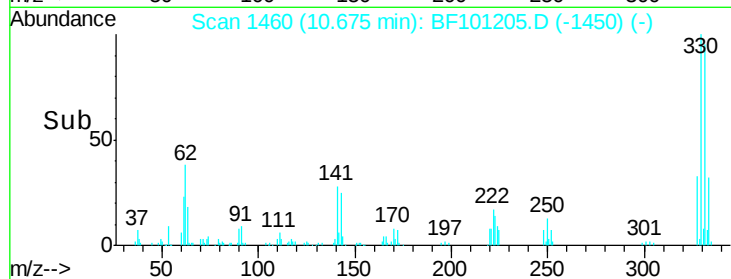
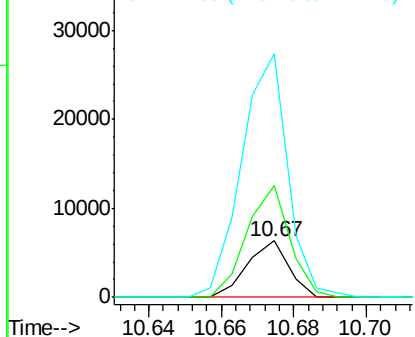
#66
 4-Bromophenyl-phenylether
 Concen: 3.483 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.9	115.3#
141	431.9	74.4	111.6#

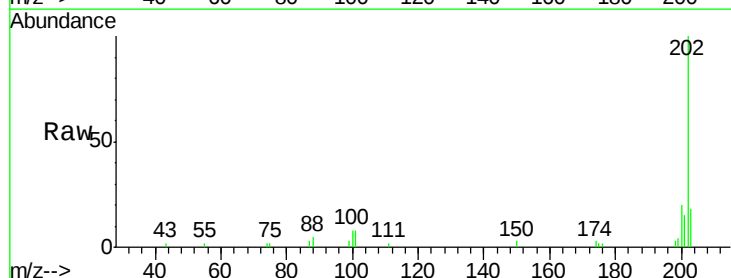


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

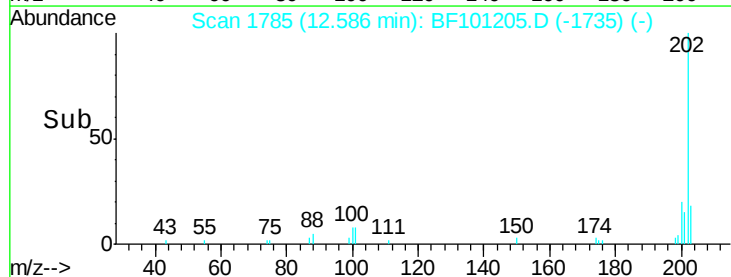
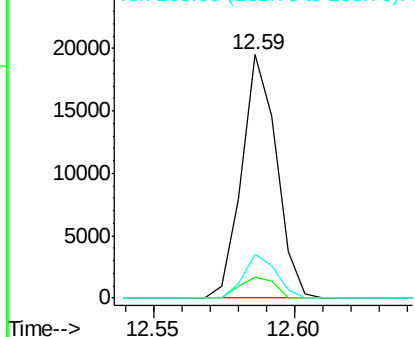


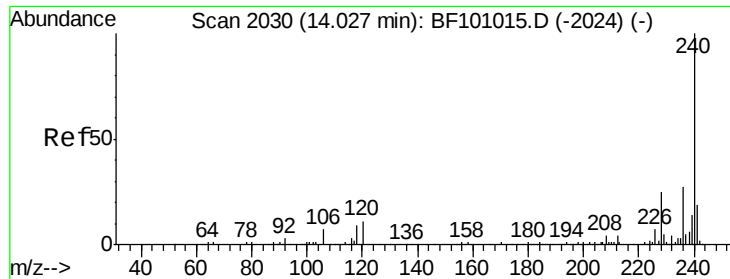
#74
 Fluoranthene
 Concen: 2.108 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	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

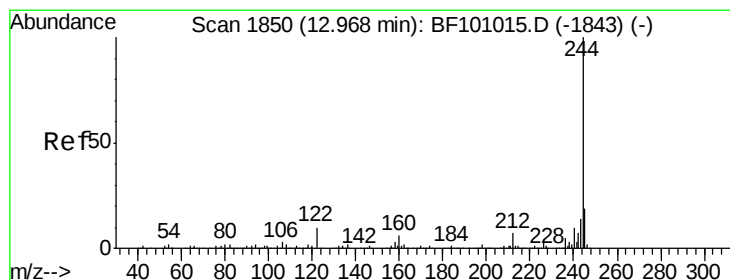
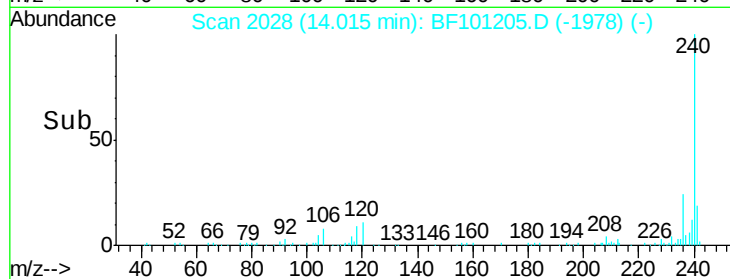
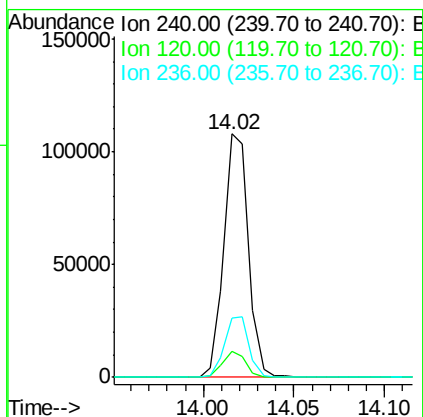
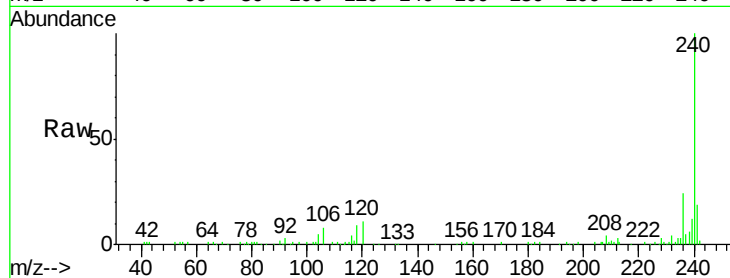




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

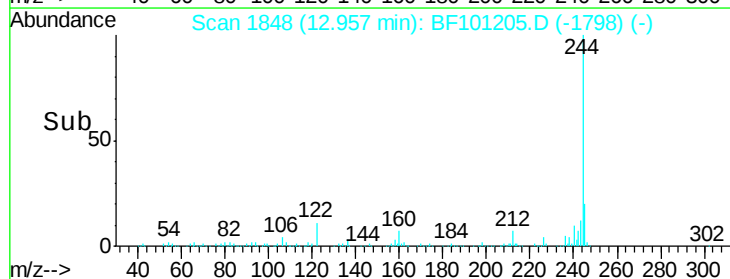
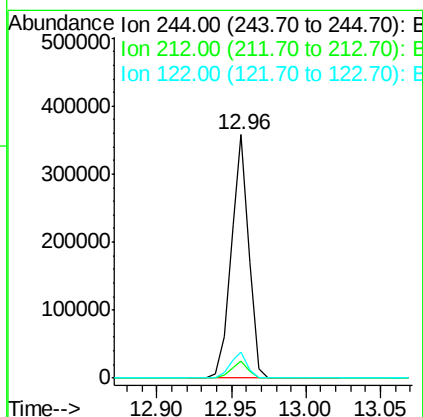
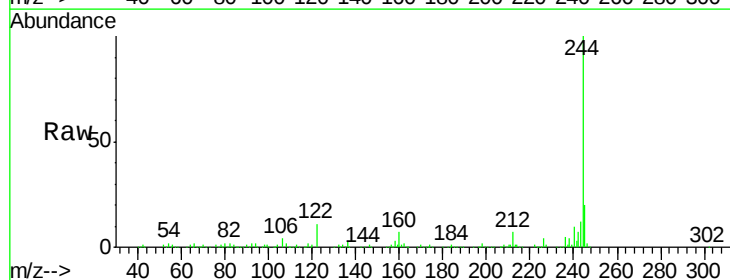
Instrument :
BNA_F
ClientSampleId :

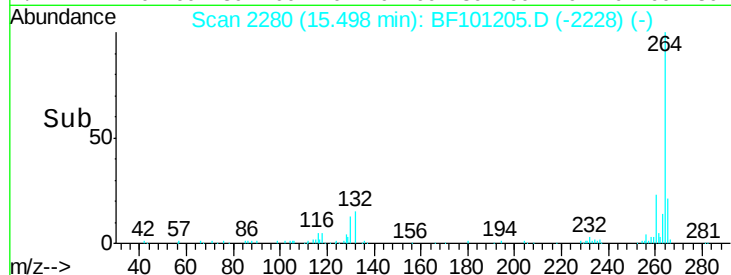
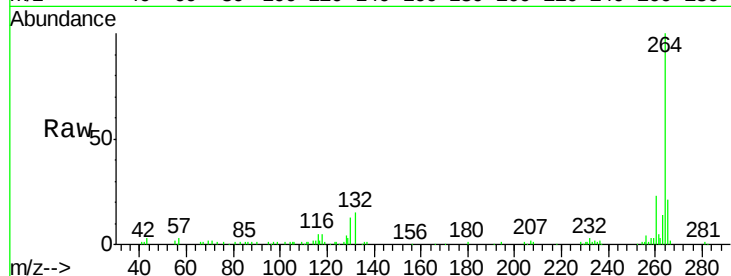
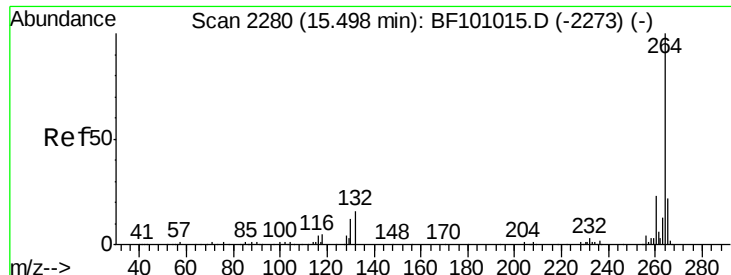
Tot Ion:240 Resp: 102316
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 24.4 20.7 31.1



#78
Terphenyl-d14
Concen: 63.299 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101205.D
Acq: 7 Dec 2017 15:15

Tgt Ion:244 Resp: 296101
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.7 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101205.D
 Acq: 7 Dec 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	88891
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3

