

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101128.D
 Acq On : 5 Dec 2017 17:00
 Operator : SJ/JU
 Sample : I6709-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 17:31:32 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

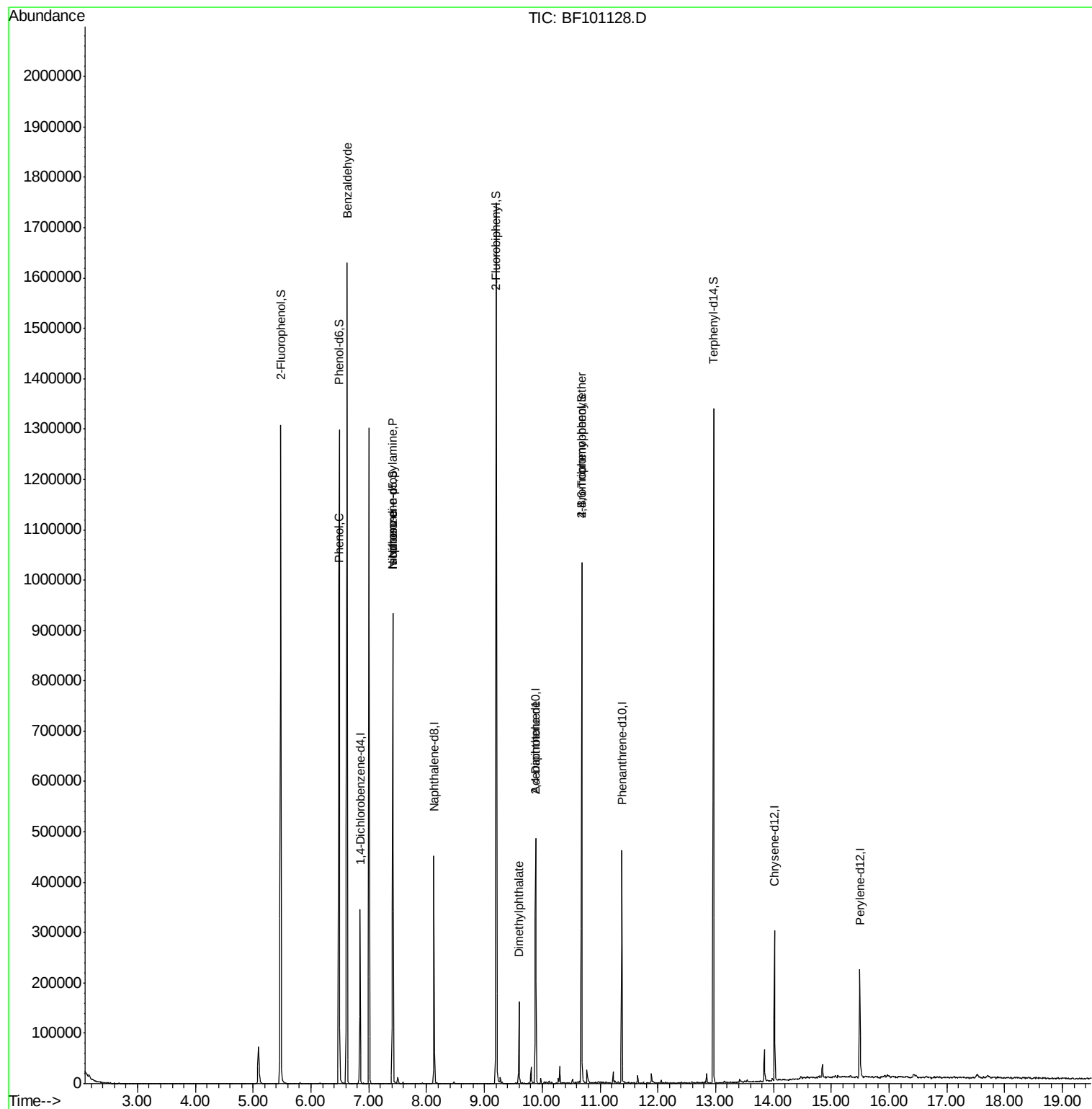
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52168	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	198822	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	90558	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	160657	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106749	20.00	ng	0.00
86) Perylene-d12	15.49	264	108599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	423198	134.05	ng	0.02
7) Phenol-d6	6.49	99	506439	132.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	303294	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	129043	118.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	607141	91.73	ng	0.00
78) Terphenyl-d14	12.96	244	481668	98.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	9302	3.965	ng	84
10) Phenol	6.50	94	12160	2.853	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	40376	15.642	ng	# 82
25) Isophorone	7.42	82	303289	53.273	ng	# 64
49) Dimethylphthalate	9.60	163	64547	8.838	ng	# 98
56) 2,4-Dinitrotoluene	9.89	165	11487	5.572	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	8061	4.483	ng	# 1

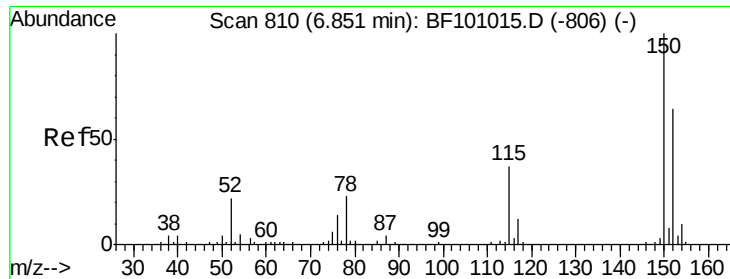
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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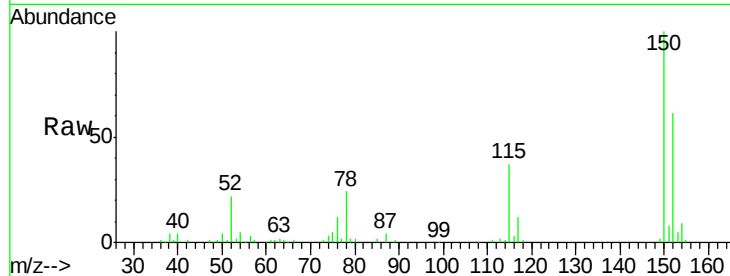


#1

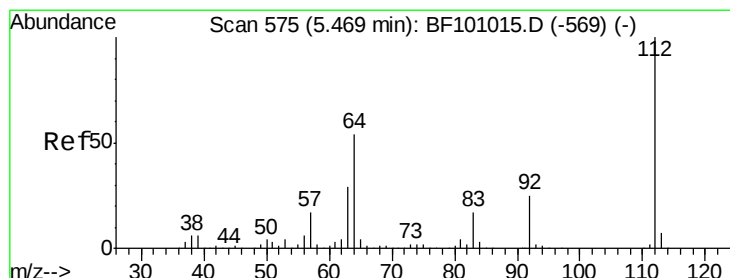
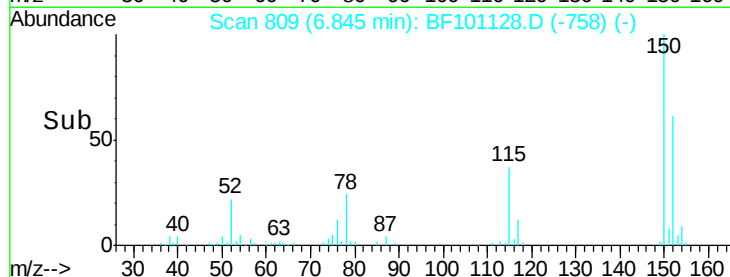
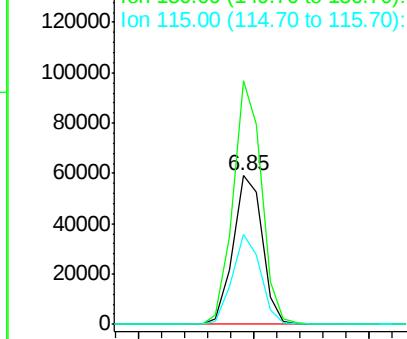
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52168
Ion Ratio Lower Upper
152 100
150 163.6 124.6 186.8
115 60.4 50.1 75.1



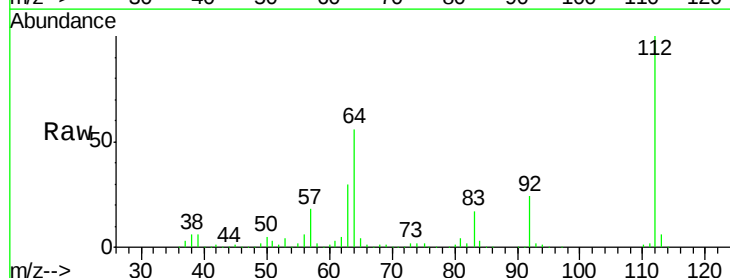
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



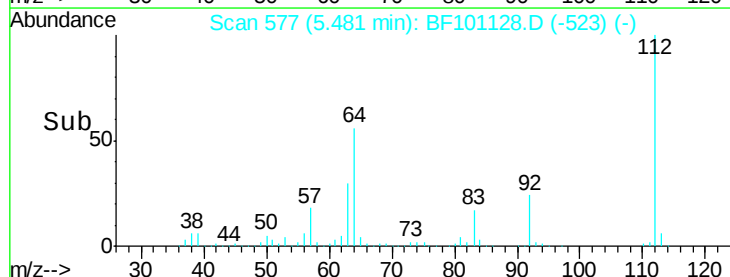
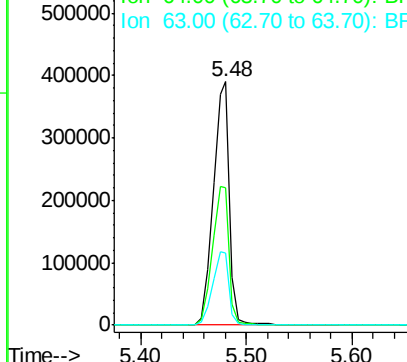
#5

2-Fluorophenol
Concen: 134.050 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion:112 Resp: 423198
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.6 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: 132.128 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Instrument :

BNA_F

ClientSampled :

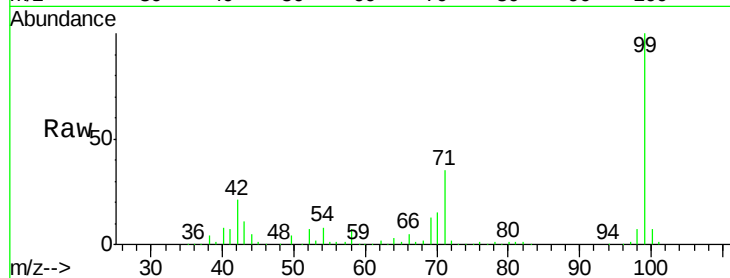
Tot Ion: 99 Resp: 506439

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

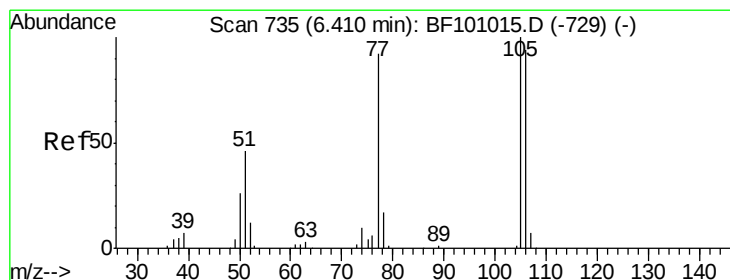
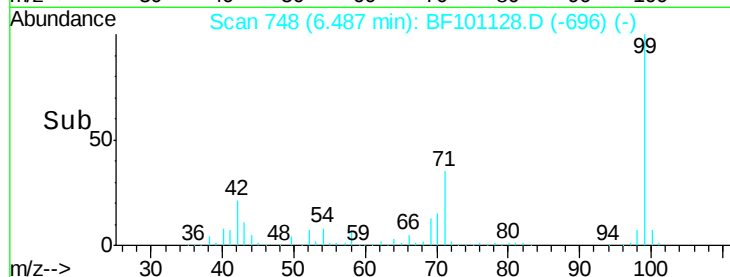
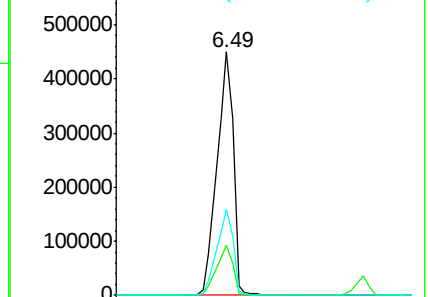
71 35.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.965 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.22 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

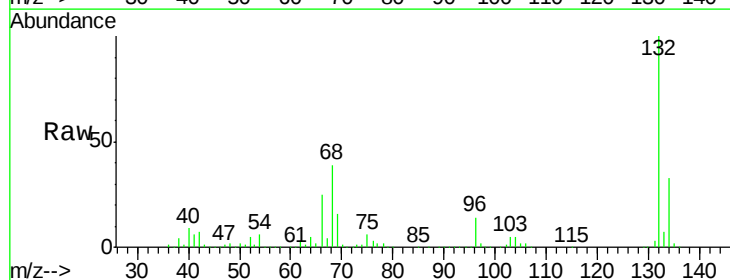
Tgt Ion: 77 Resp: 9302

Ion Ratio Lower Upper

77 100

105 87.6 81.1 121.1

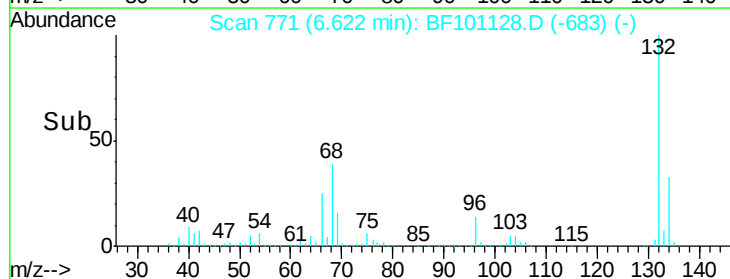
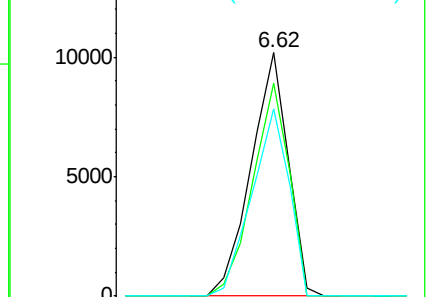
106 77.2 74.5 114.5

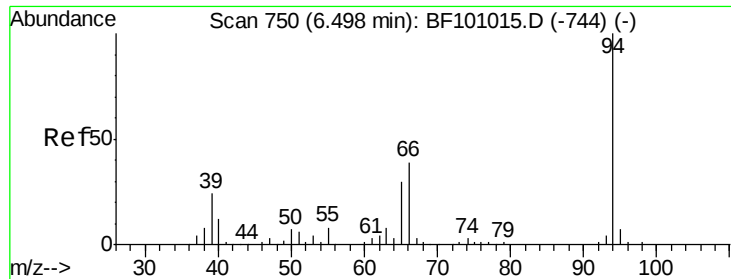


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

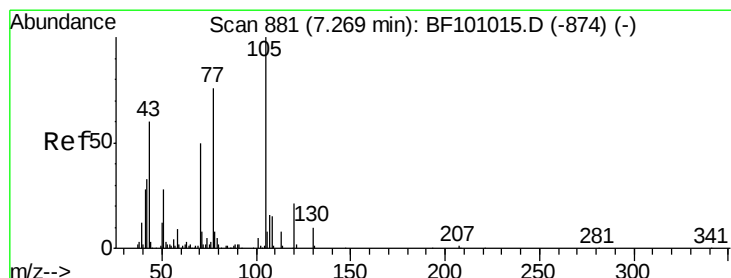
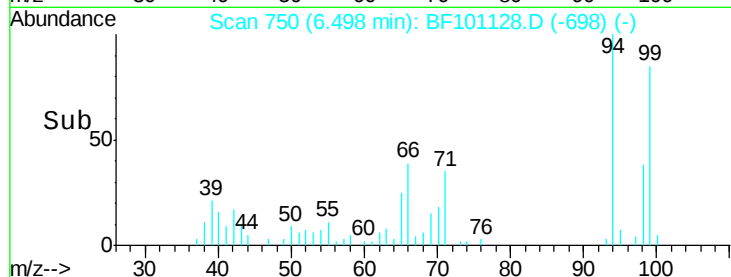
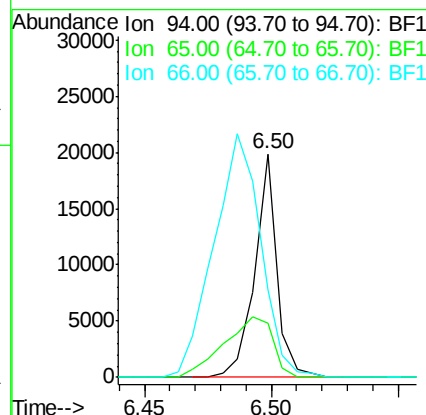
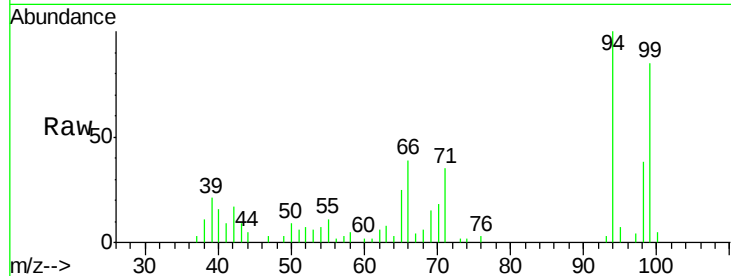




#10
Phenol
Concen: 2.853 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

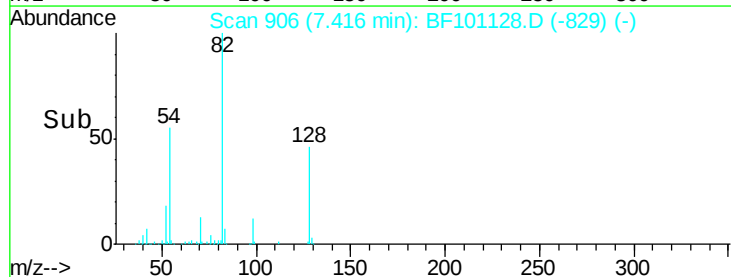
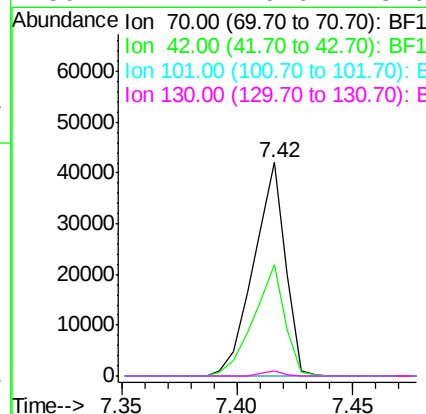
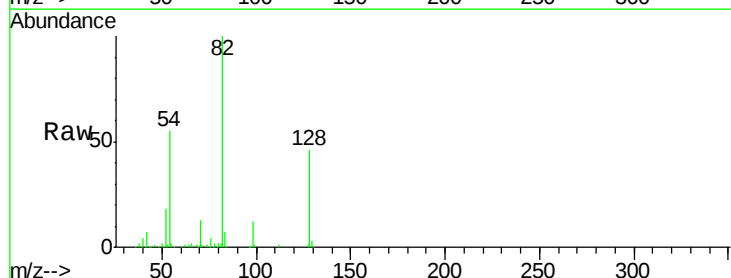
Instrument :
BNA_F
ClientSampled :

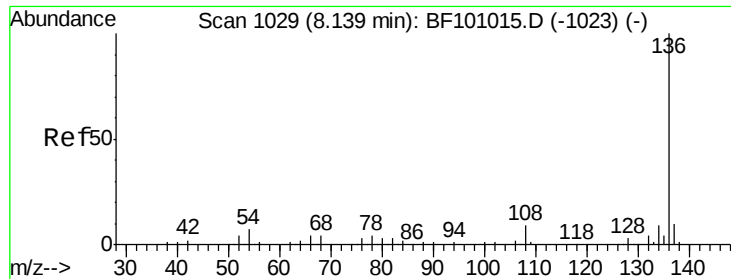
Tot Ion: 94 Resp: 12160
Ion Ratio Lower Upper
94 100
65 24.5 7.9 47.9
66 39.2 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.642 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion: 70 Resp: 40376
Ion Ratio Lower Upper
70 100
42 52.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

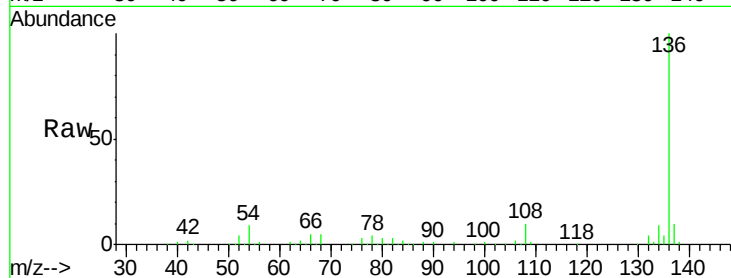




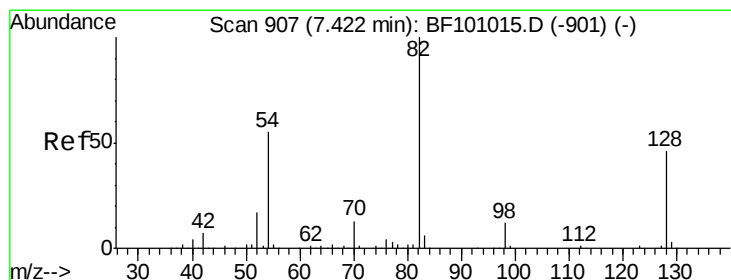
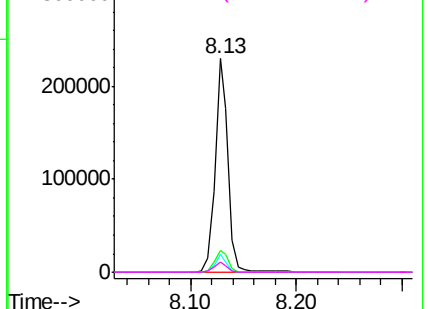
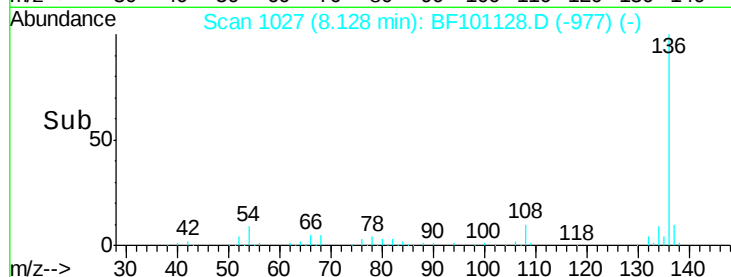
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	198822
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	8.5	6.6 9.8
68	4.9	5.0 7.4#

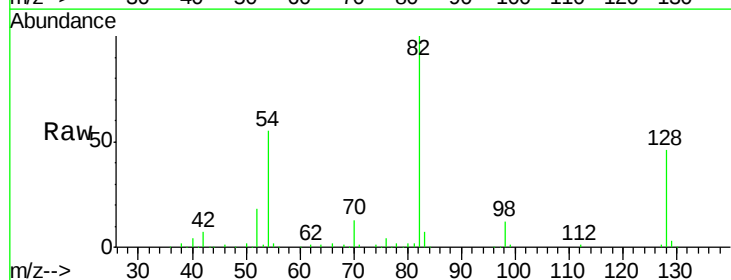


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

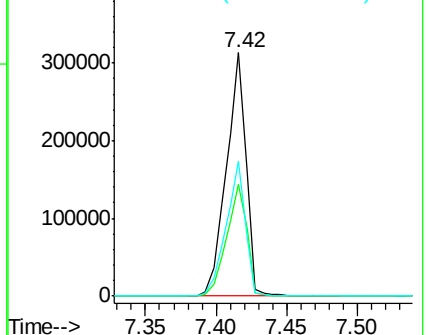
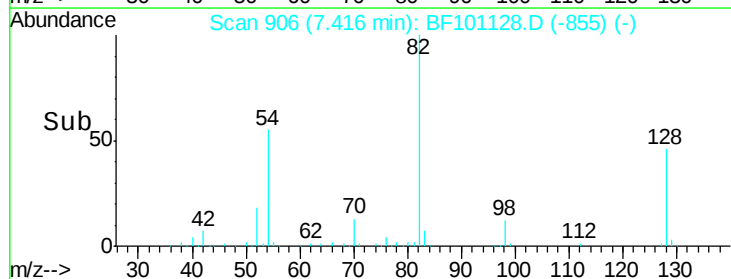


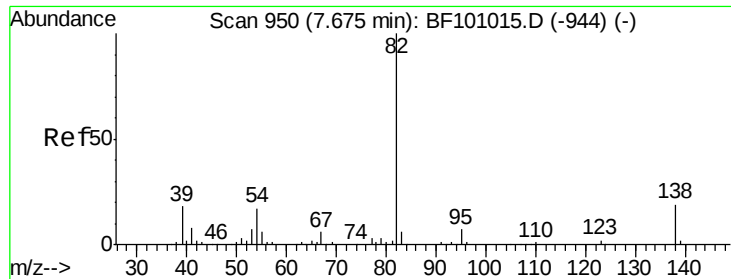
#23
Nitrobenzene-d5
Concen: 90.998 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion: 82	Resp:	303294
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	55.4	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

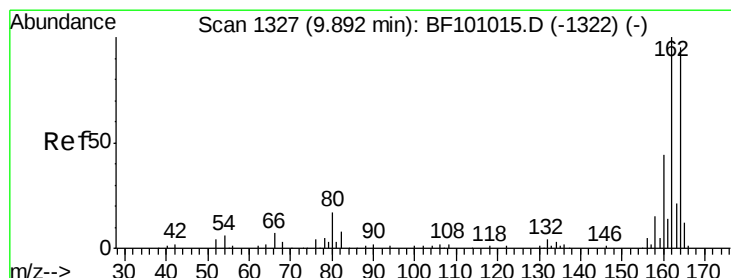
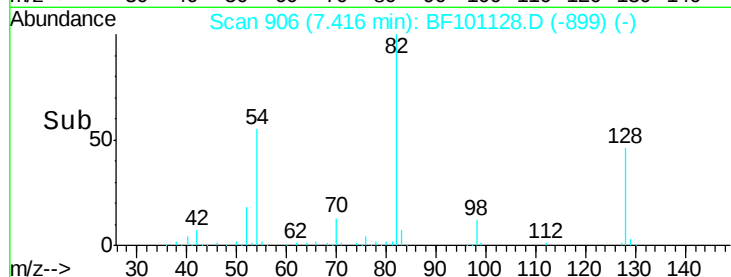
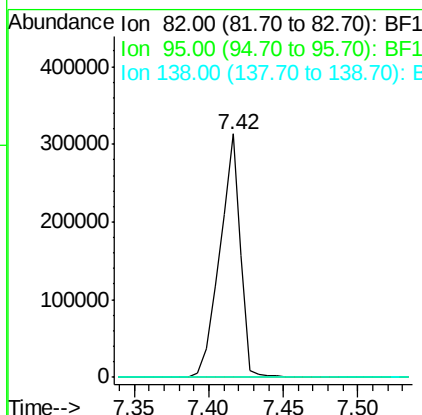
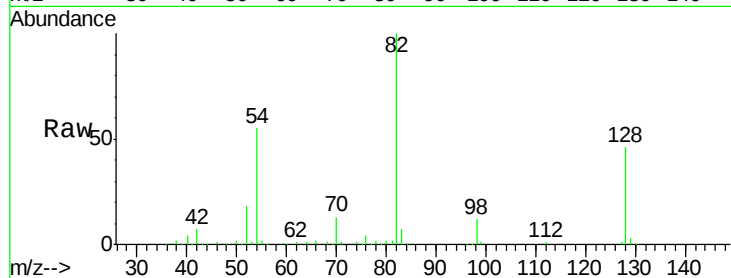




#25
Isophorone
Concen: 53.273 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

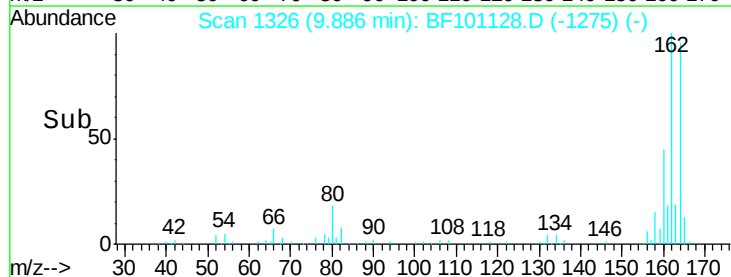
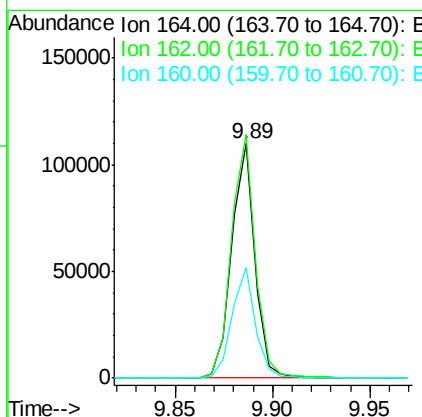
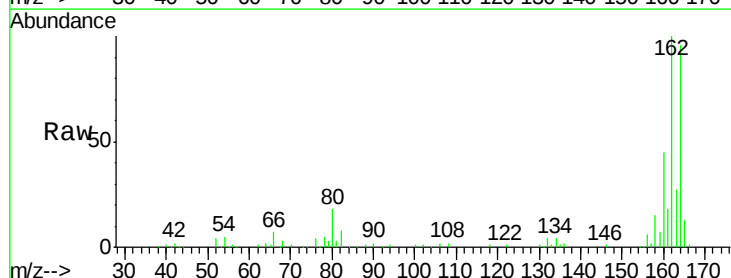
Instrument :
BNA_F
ClientSampleId :

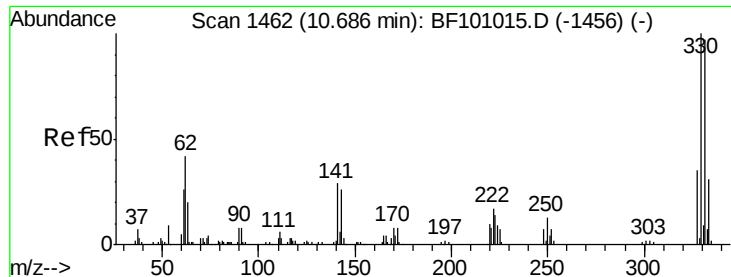
Tot Ion: 82 Resp: 303289
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion:164 Resp: 90558
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 46.8 38.3 57.5

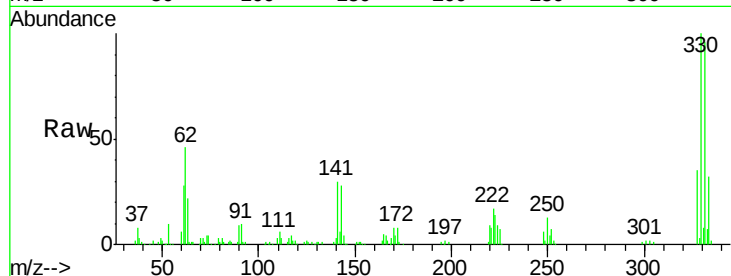




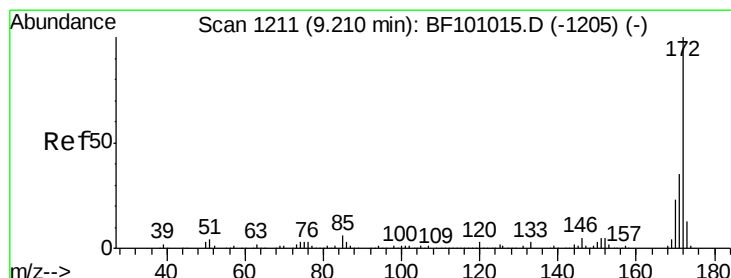
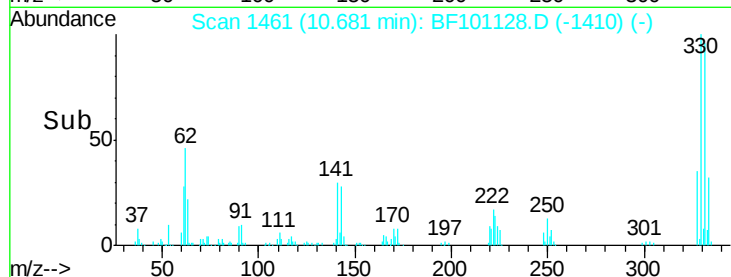
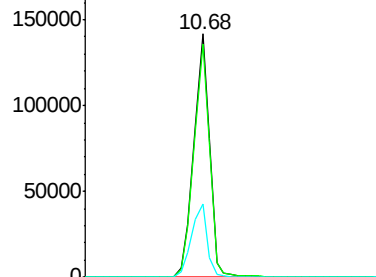
#41
 2,4,6-Tribromophenol
 Concen: 118.621 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101128.D
 Acq: 5 Dec 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.9	29.9	44.9

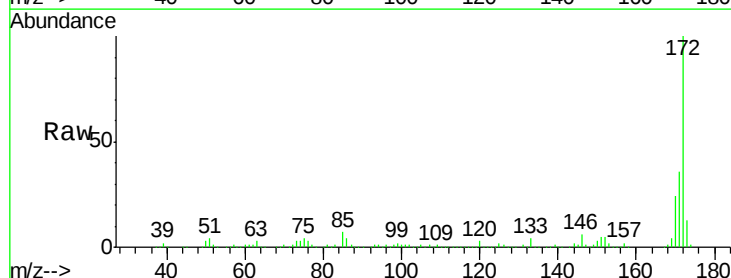


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

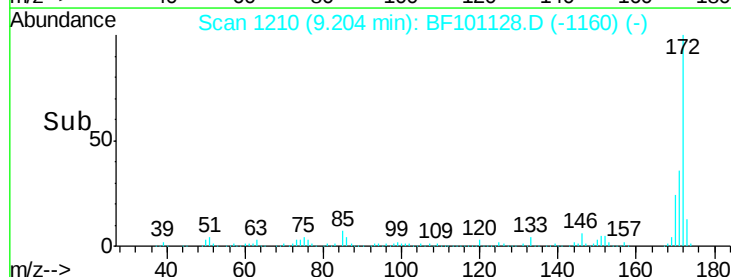
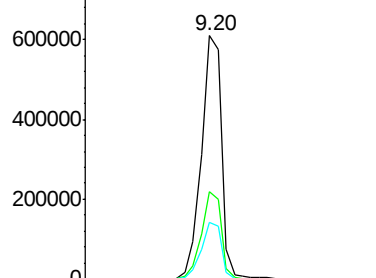


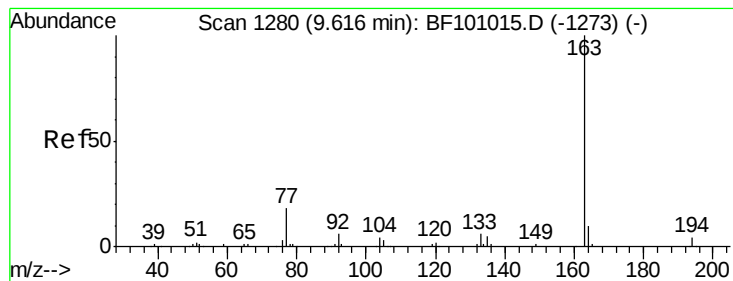
#44
 2-Fluorobiphenyl
 Concen: 91.730 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101128.D
 Acq: 5 Dec 2017 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	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





#49

Dimethylphthalate

Concen: 8.838 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Instrument :

BNA_F

ClientSampleId :

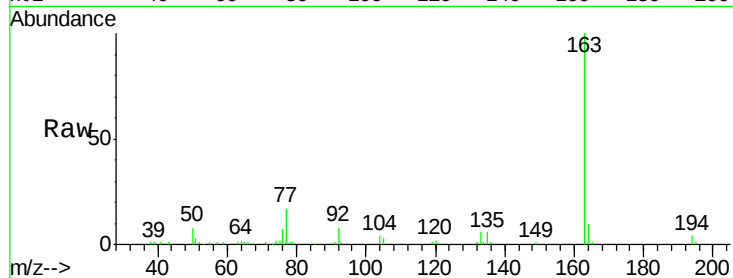
Tot Ion:163 Resp: 64547

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

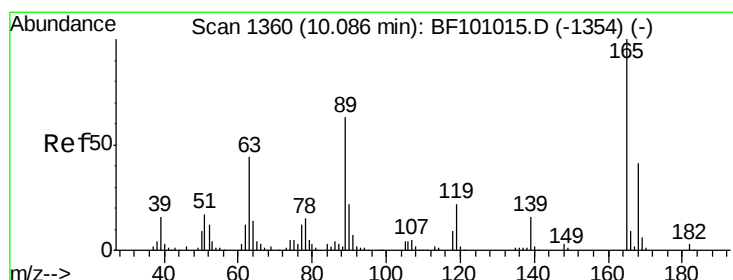
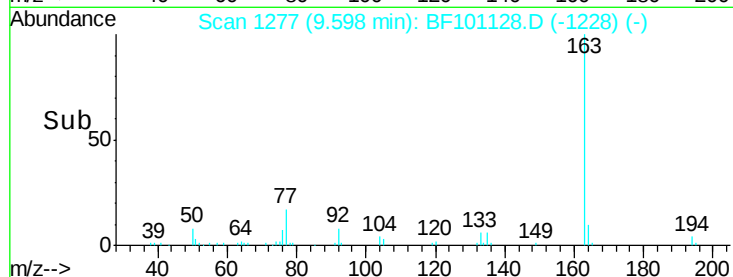
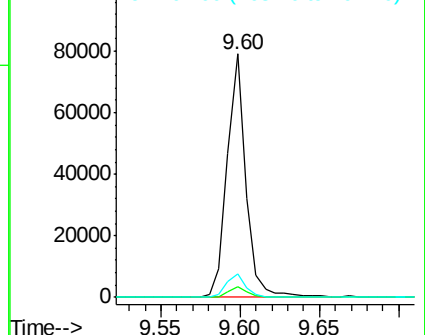
164 9.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.572 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Tgt Ion:165 Resp: 11487

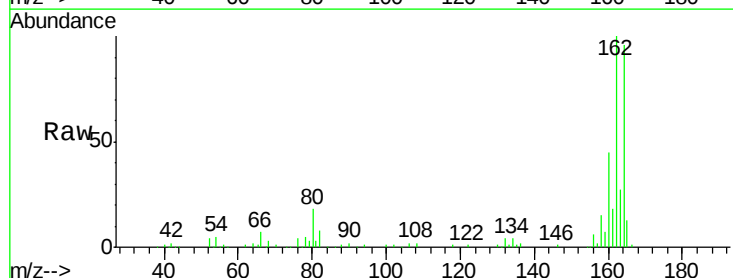
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

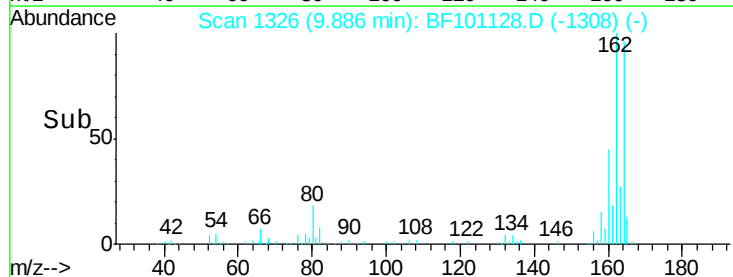
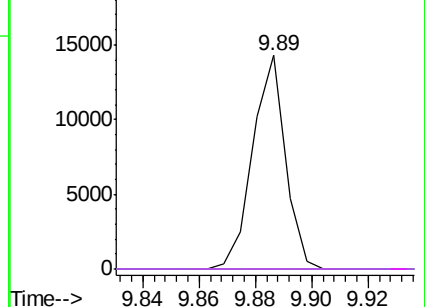


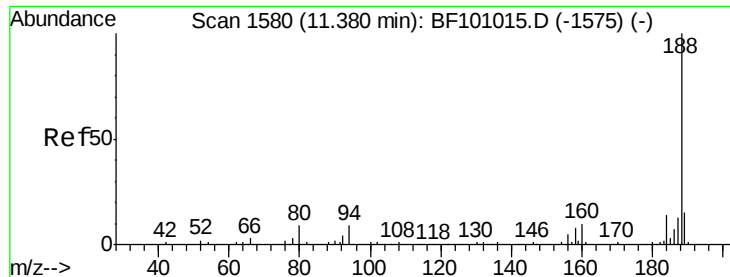
Abundance Ion 165.00 (164.70 to 165.70): E

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

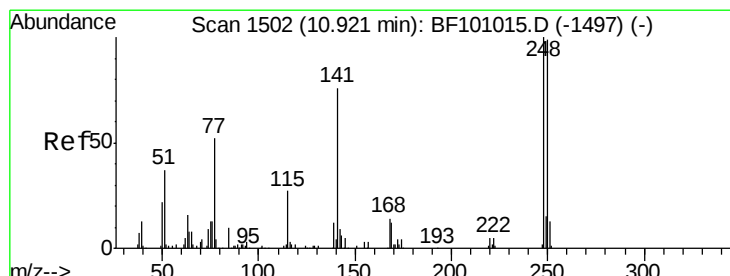
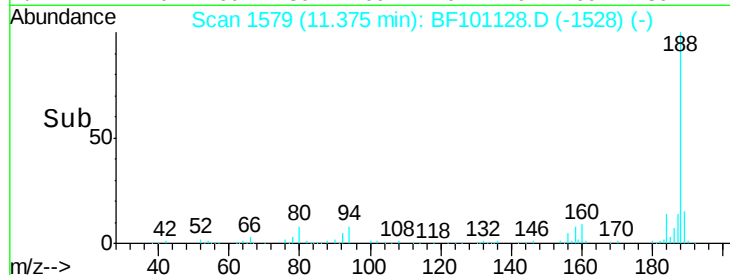
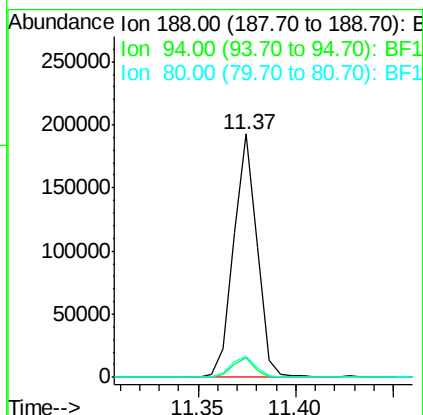
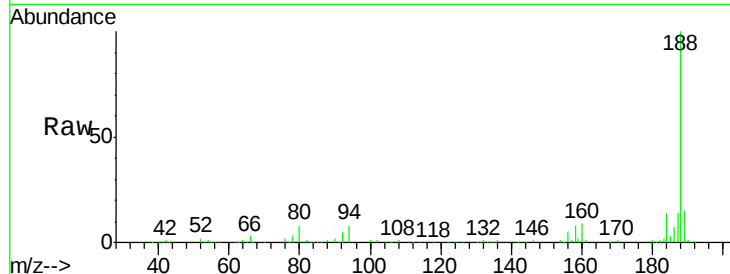




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

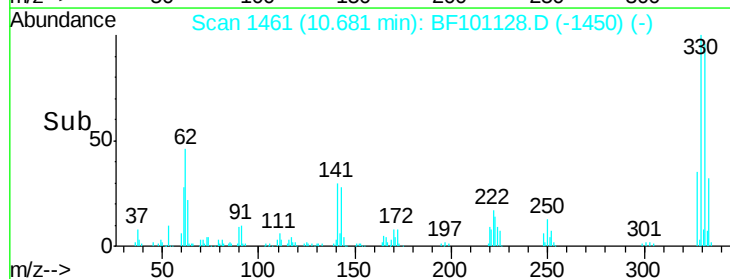
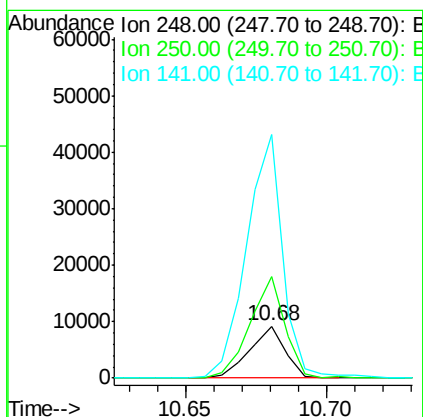
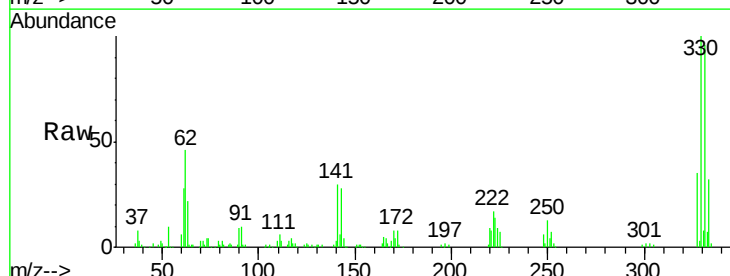
Instrument :
BNA_F
ClientSampled :

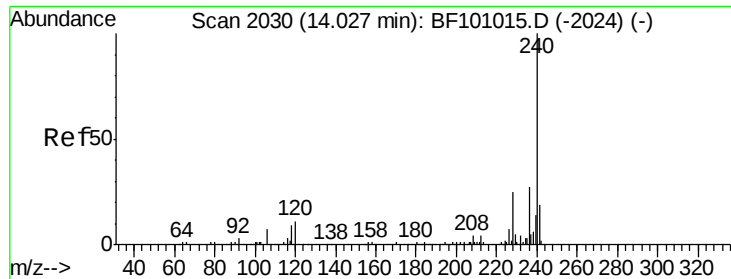
Tot Ion:188 Resp: 160657
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 4.483 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.23 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion:248 Resp: 8061
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 468.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Instrument :

BNA_F

ClientSampleId :

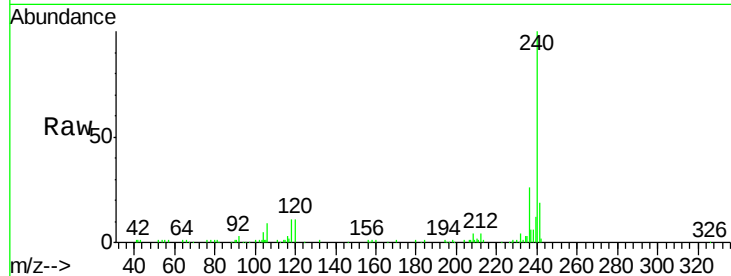
Tot Ion:240 Resp: 106749

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

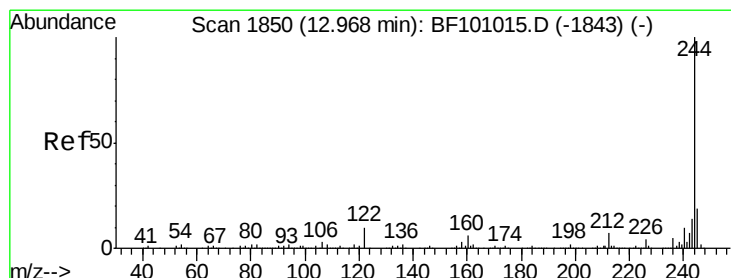
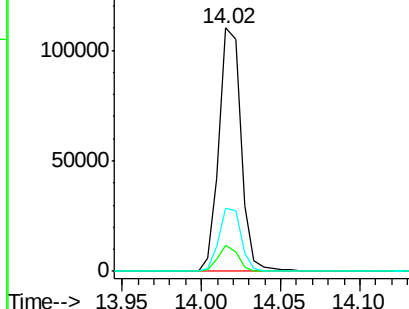
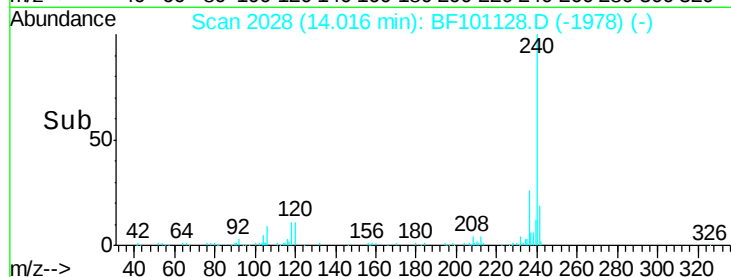
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 98.693 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

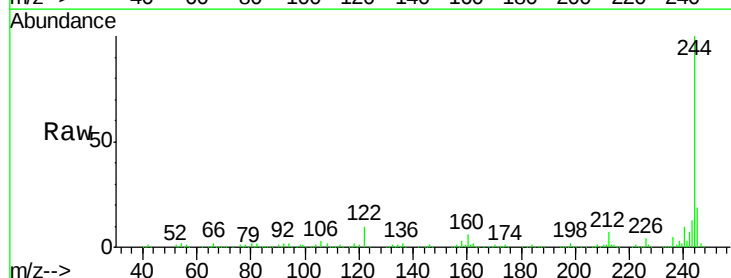
Tgt Ion:244 Resp: 481668

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

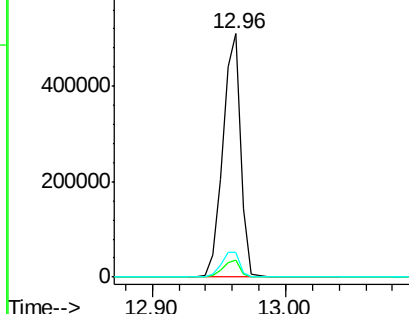
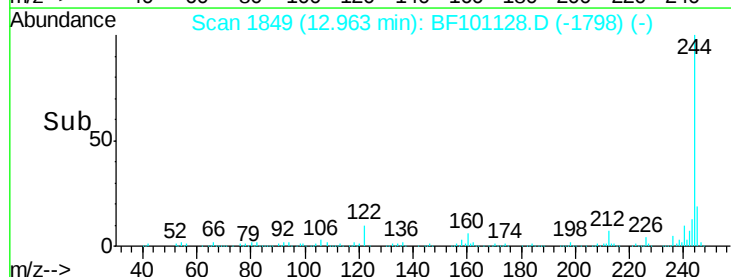
122 10.0 11.0 16.4#

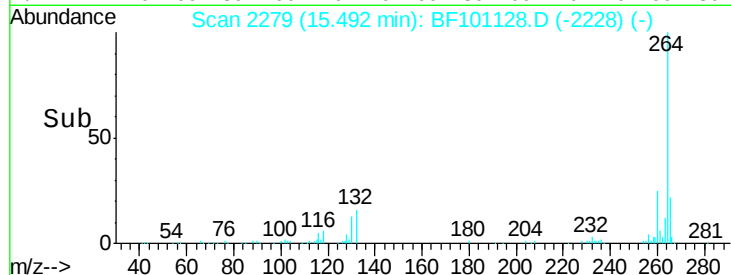
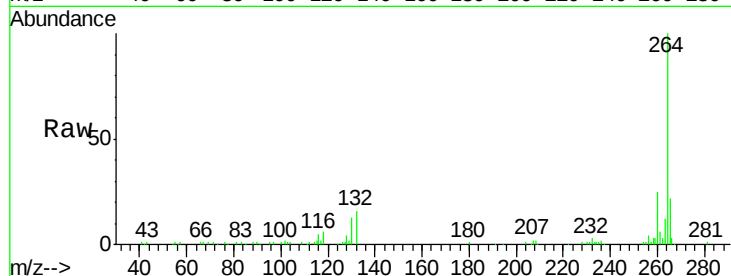
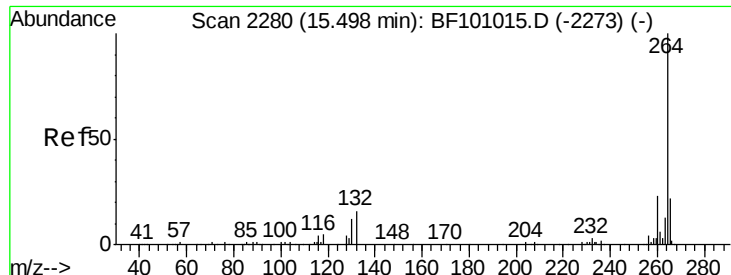


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101128.D
 Acq: 5 Dec 2017 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	108599
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.0	17.5	26.3

