

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF101004.D
 Acq On : 30 Nov 2017 4:22
 Operator : SJ/JU
 Sample : I6613-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 04:54:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

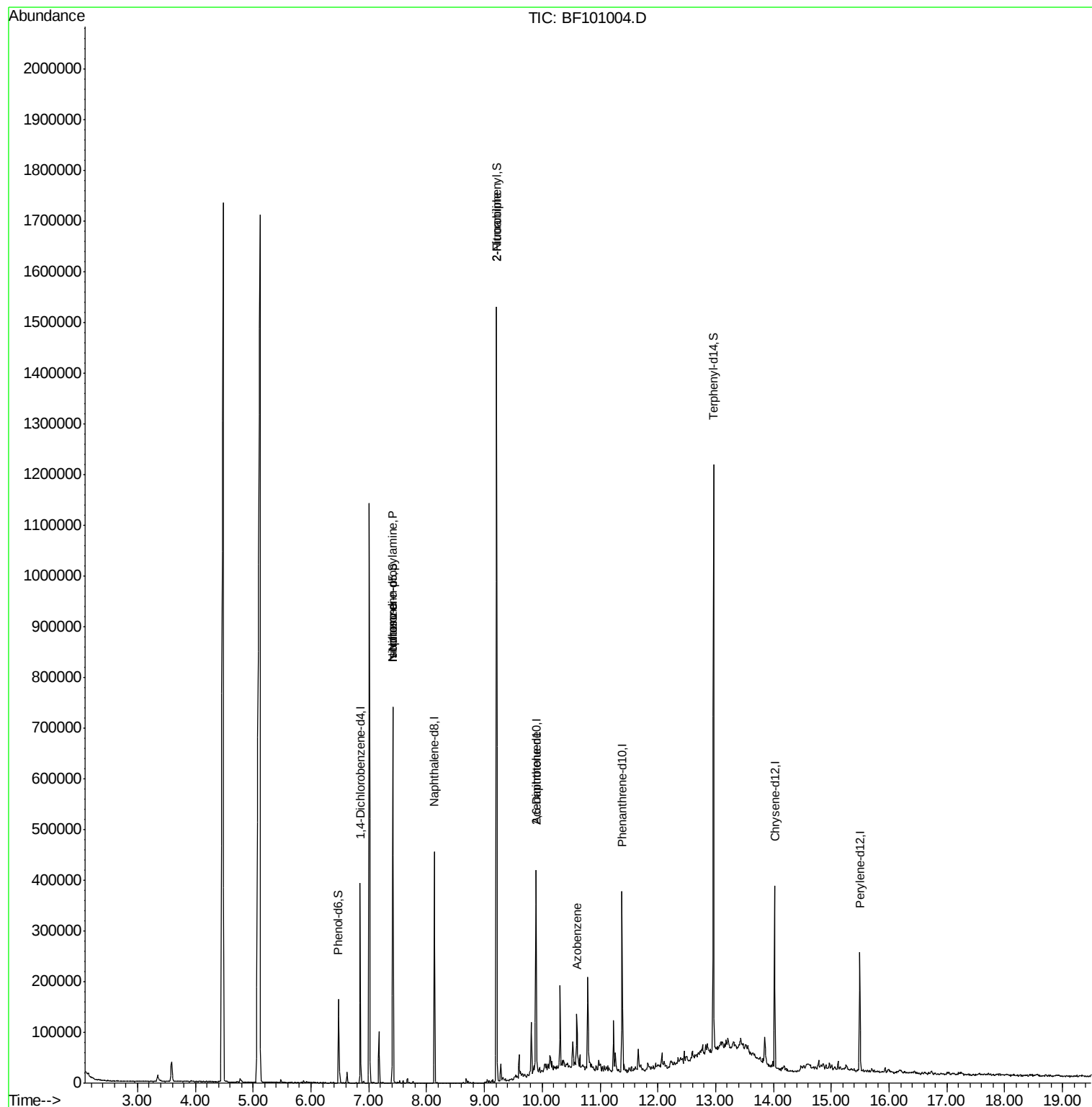
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54005	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	193472	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	77343	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	125714	20.00	ng	0.00
75) Chrysene-d12	14.02	240	117878	20.00	ng	0.00
86) Perylene-d12	15.49	264	103324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2433	0.72	ng	0.00
7) Phenol-d6	6.47	99	52856	12.72	ng	-0.02
23) Nitrobenzene-d5	7.42	82	228110	77.95	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.21	172	459301	90.43	ng	0.00
78) Terphenyl-d14	12.96	244	364669	71.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	30771	10.680	ng	# 79
25) Isophorone	7.42	82	228107	37.093	ng	# 64
47) 2-Nitroaniline	9.21	65	778	3.295	ng	# 3
50) 2,6-Dinitrotoluene	9.89	165	10863	9.293	ng	# 24
62) Azobenzene	10.60	77	16188	2.908	ng	# 1

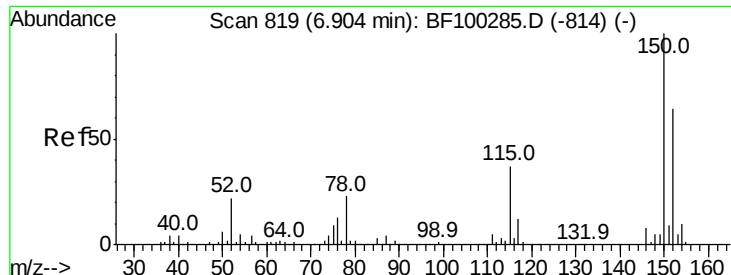
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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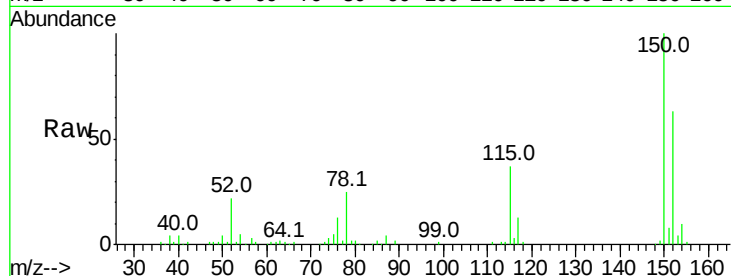


#1

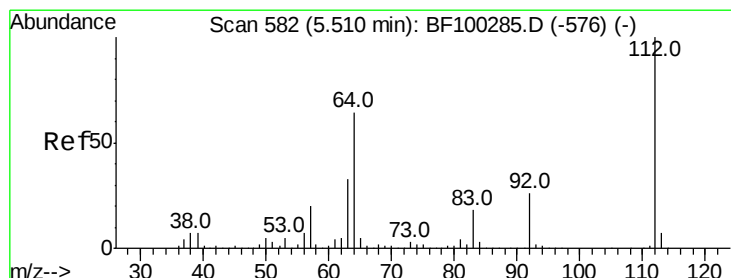
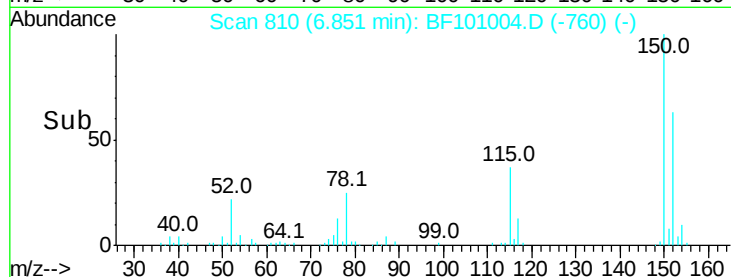
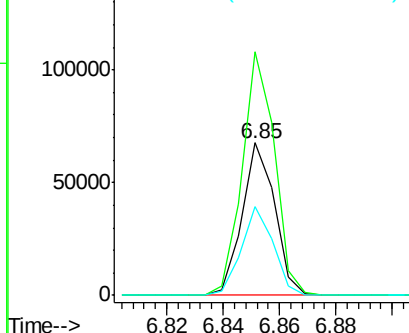
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54005
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.5 50.1 75.1



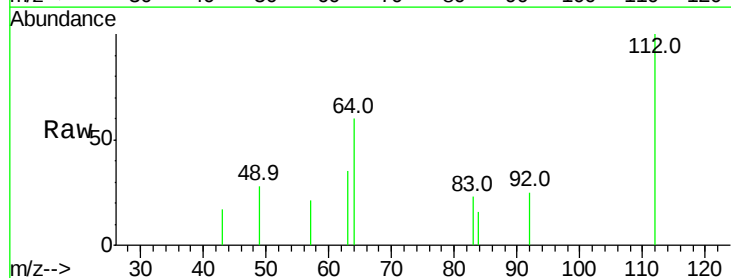
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



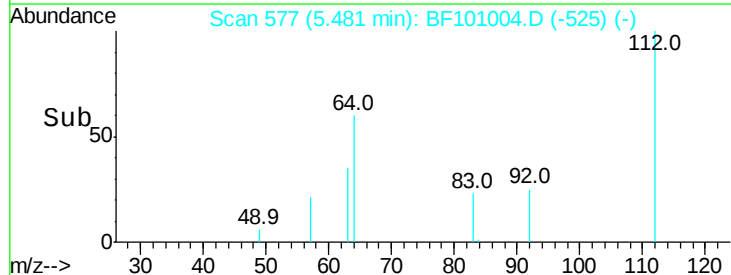
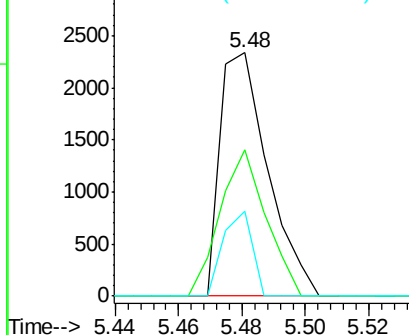
#5

2-Fluorophenol
Concen: 0.722 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:112 Resp: 2433
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 34.9 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: 12.723 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF101004.D

Acq: 30 Nov 2017 4:22

Instrument :

BNA_F

ClientSampleId :

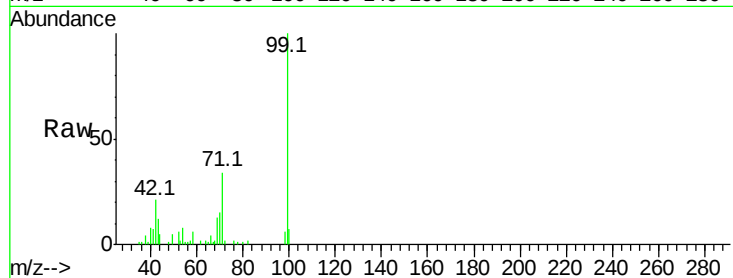
Tot Ion: 99 Resp: 52856

Ion Ratio Lower Upper

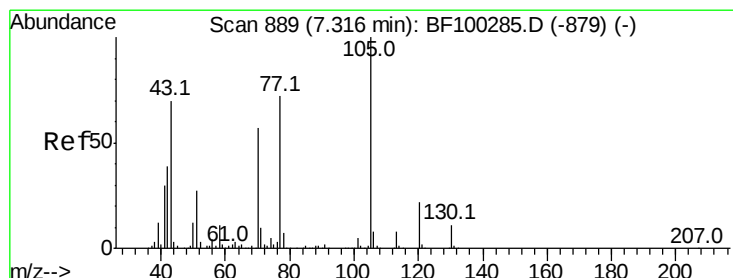
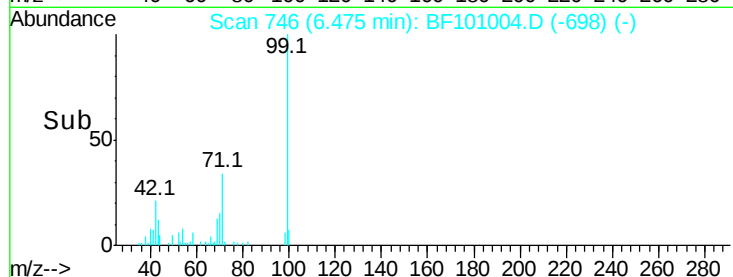
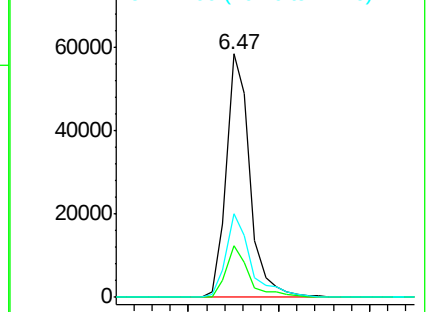
99 100

42 21.0 14.5 21.7

71 34.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 10.680 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF101004.D

Acq: 30 Nov 2017 4:22

Tgt Ion: 70 Resp: 30771

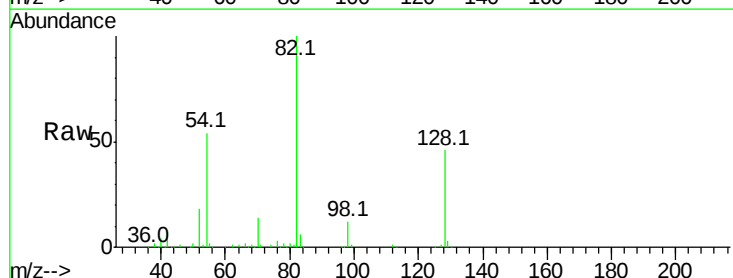
Ion Ratio Lower Upper

70 100

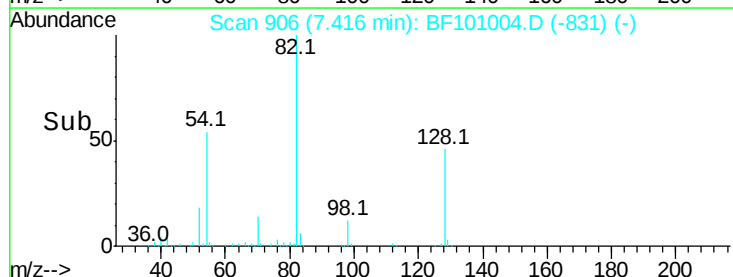
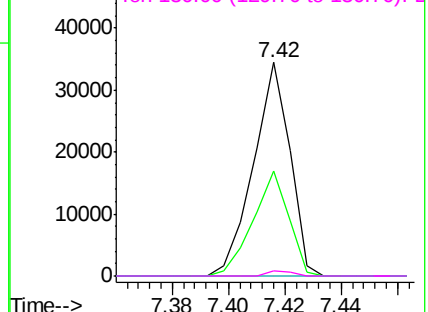
42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

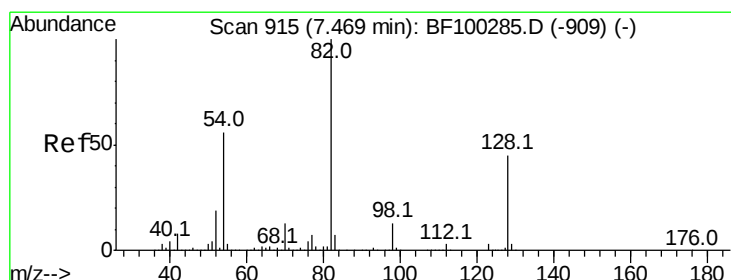
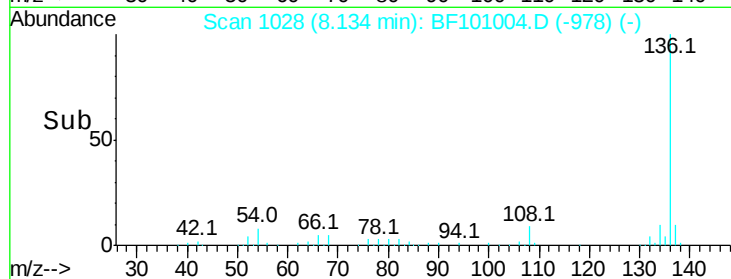
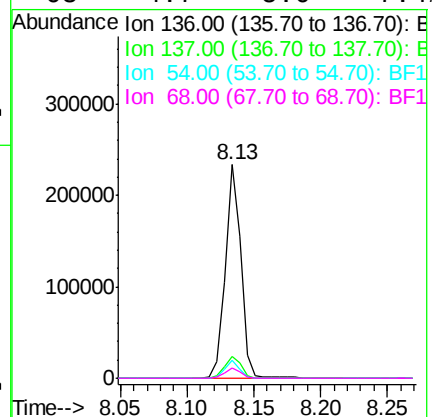
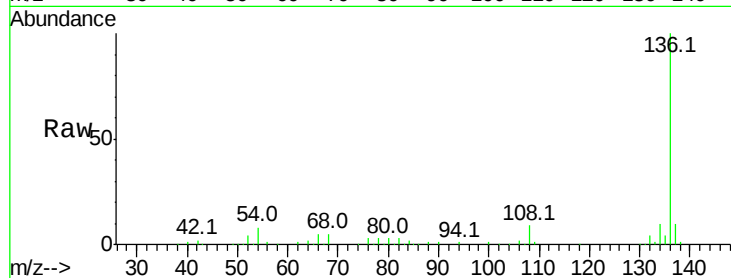




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

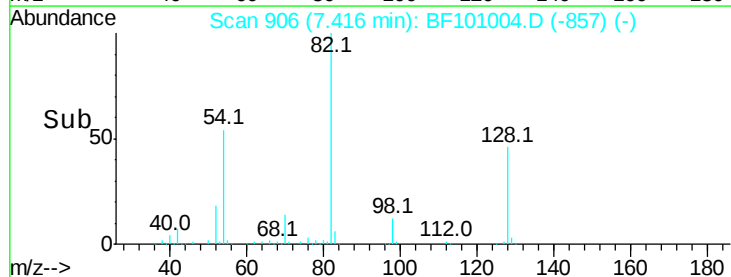
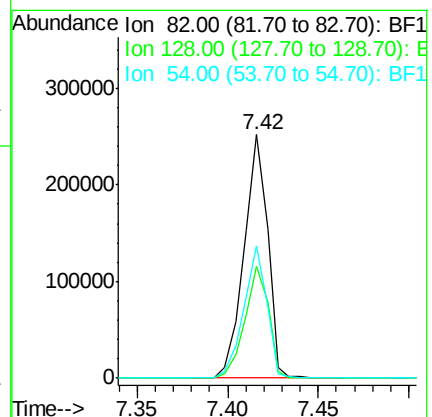
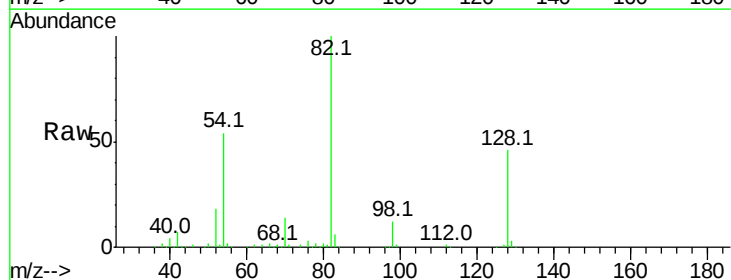
Instrument :
BNA_F
ClientSampleId :

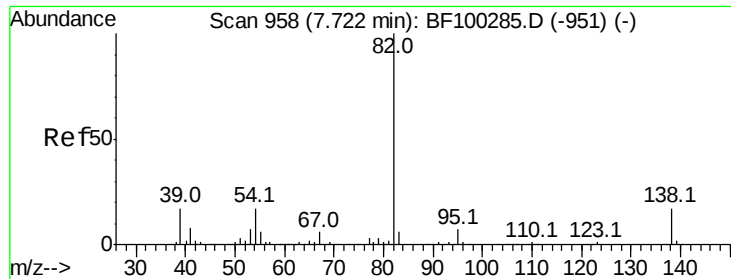
Tot Ion:136	Resp:	193472
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	8.2	6.6 9.8
68	4.7	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 77.950 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion: 82	Resp:	228110
Ion Ratio	Lower	Upper
82	100	
128	46.1	36.1 54.1
54	54.2	41.4 62.2





#25

Isophorone

Concen: 37.093 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF101004.D

Acq: 30 Nov 2017 4:22

Instrument :

BNA_F

ClientSampleId :

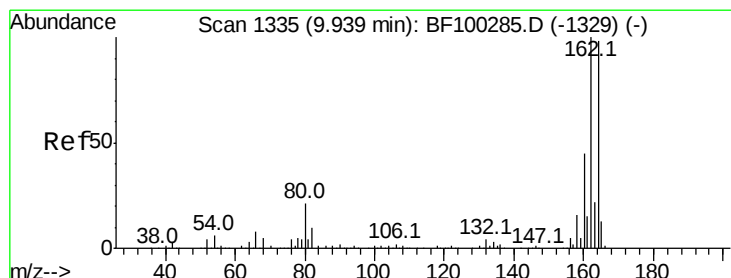
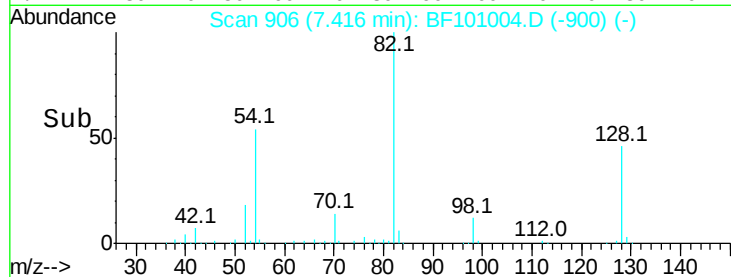
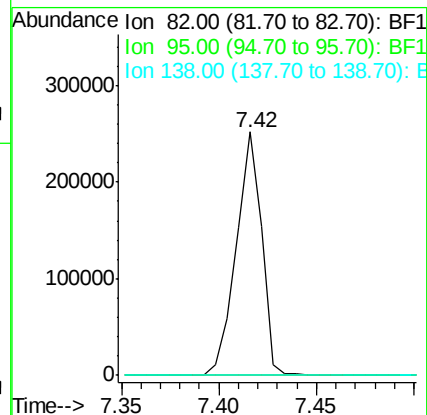
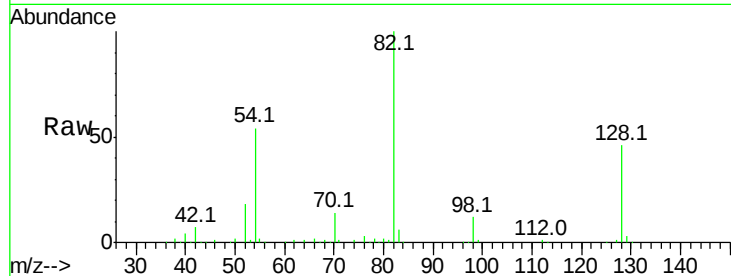
Tot Ion: 82 Resp: 228107

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# 1327

Delta R.T. -0.01 min

Lab File: BF101004.D

Acq: 30 Nov 2017 4:22

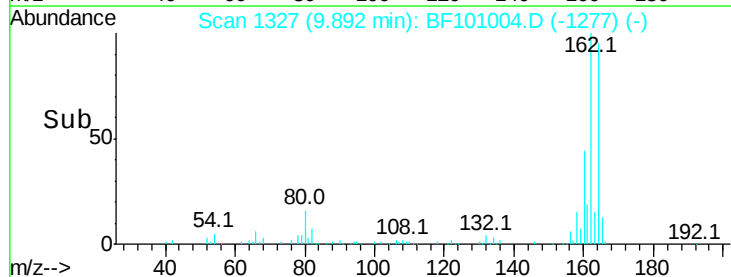
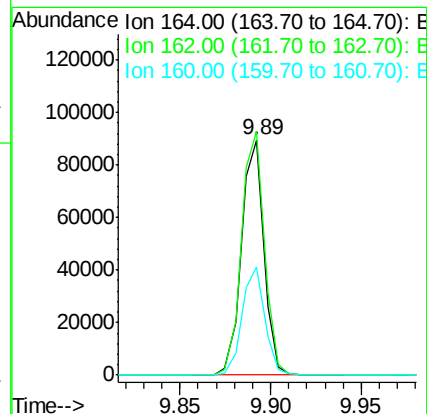
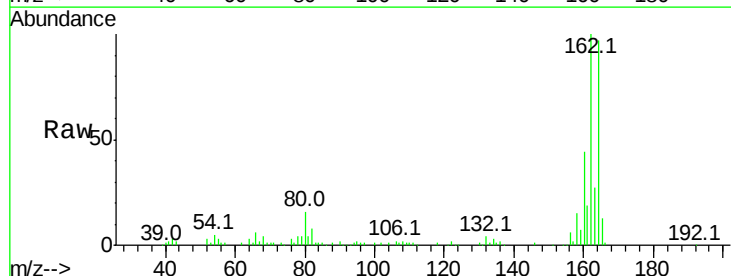
Tgt Ion:164 Resp: 77343

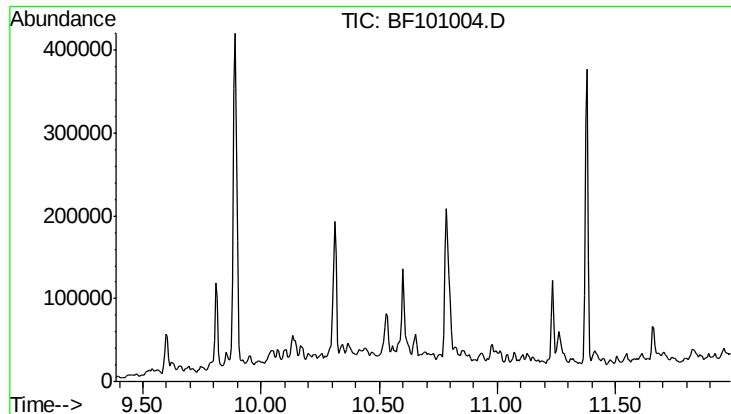
Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

160 45.7 38.3 57.5

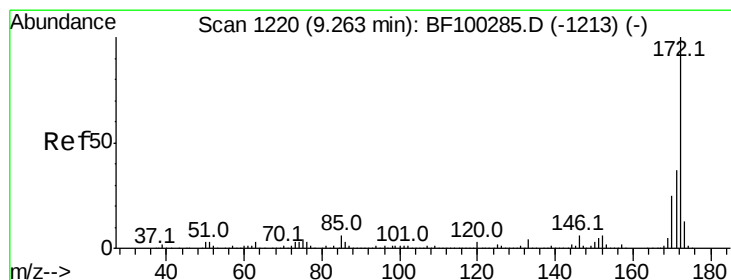
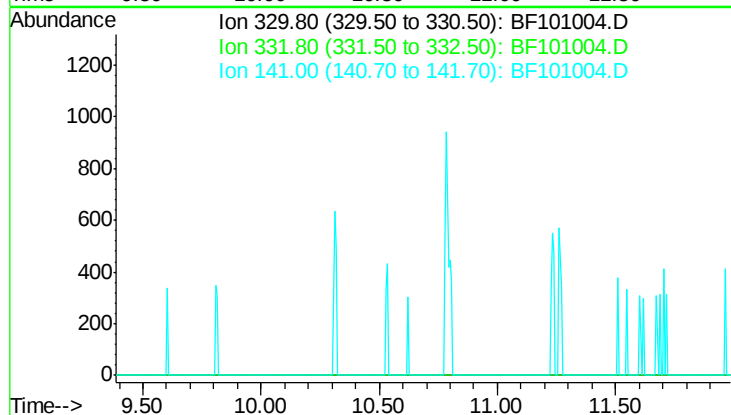




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF101004.D
 Acq: 30 Nov 2017 4:22

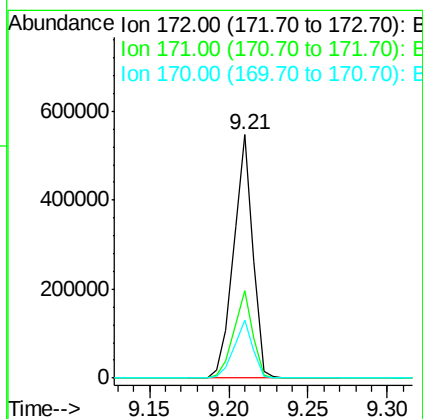
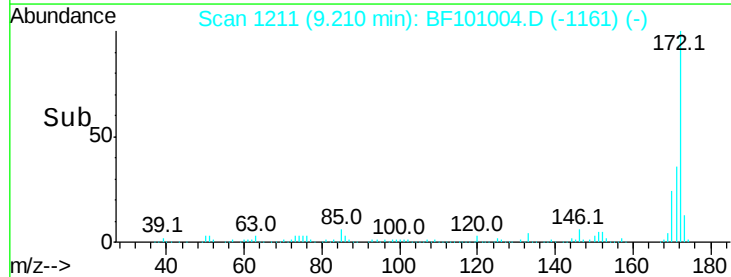
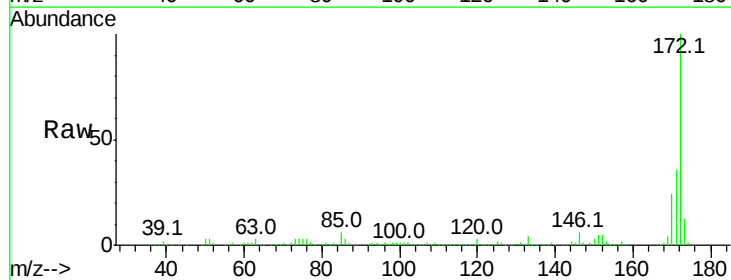
Instrument :
 BNA_F
 ClientSampleId :

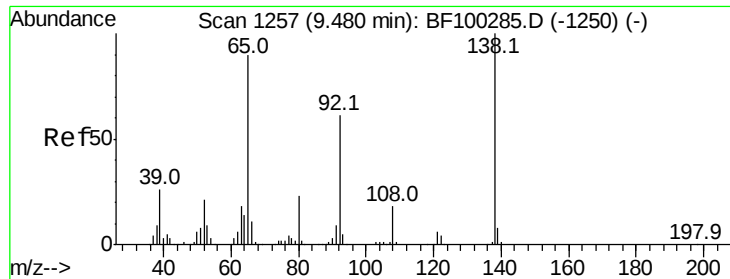
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 90.426 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF101004.D
 Acq: 30 Nov 2017 4:22

Tgt Ion: 172 Resp: 459301
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4

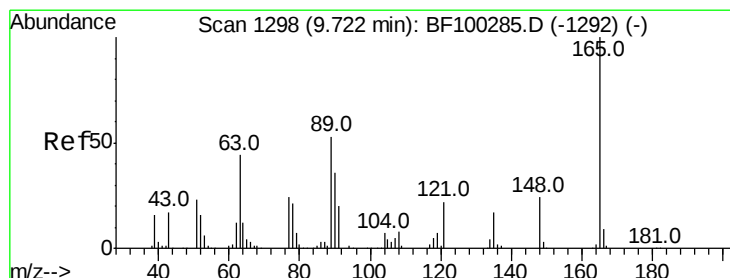
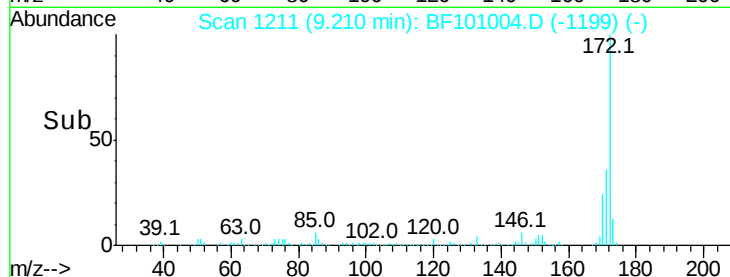
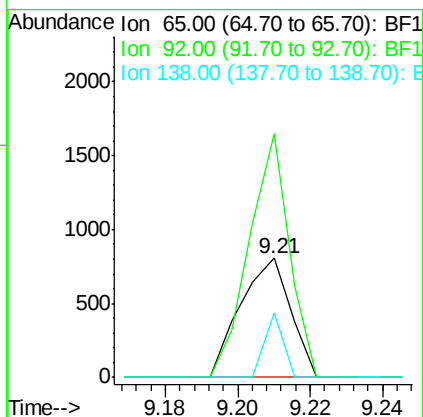
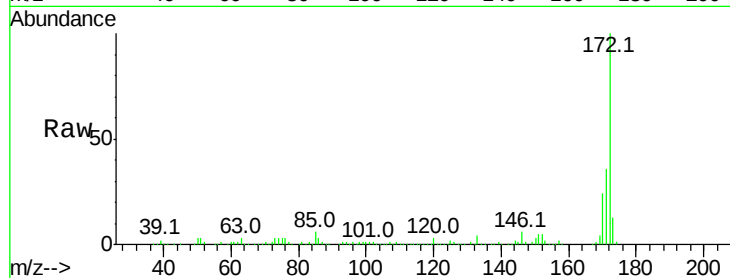




#47
2-Nitroaniline
Concen: 3.295 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.23 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

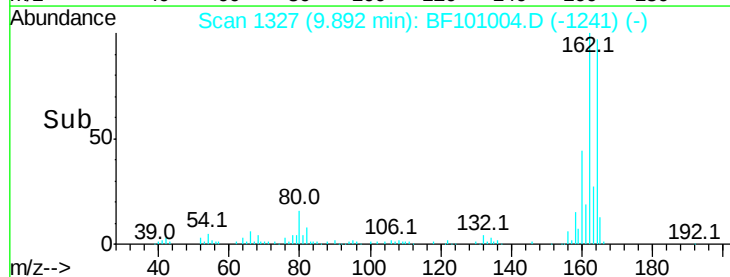
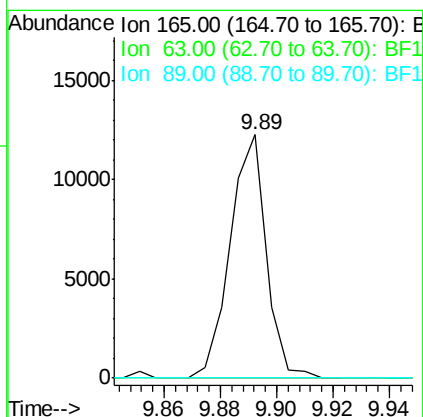
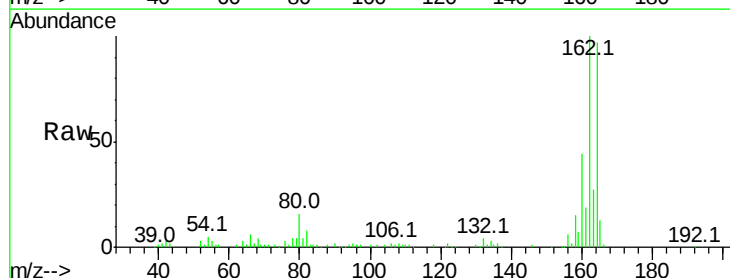
Instrument :
BNA_F
ClientSampleId :

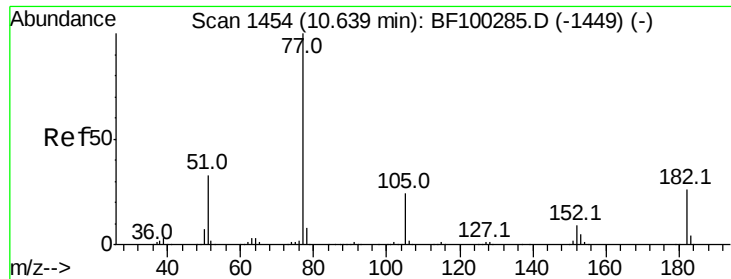
Tot Ion: 65 Resp: 778
Ion Ratio Lower Upper
65 100
92 204.2 55.8 83.6#
138 54.3 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 9.293 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:165 Resp: 10863
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

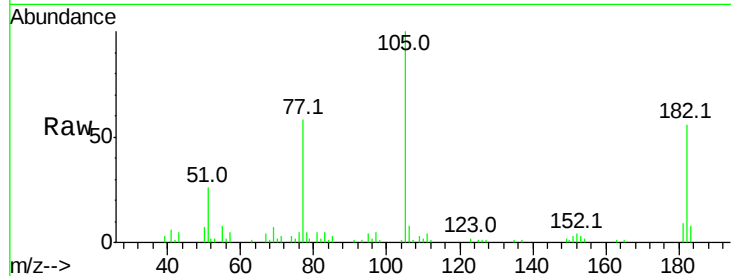




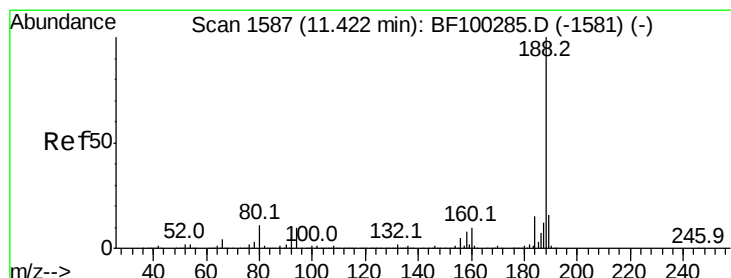
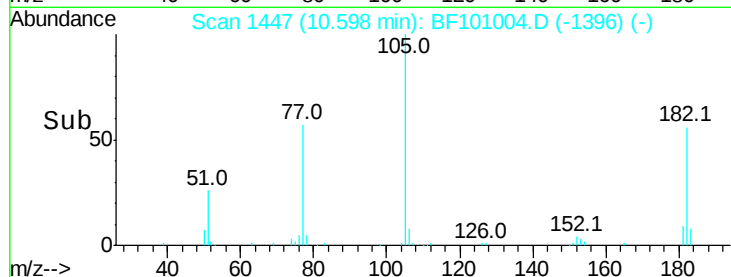
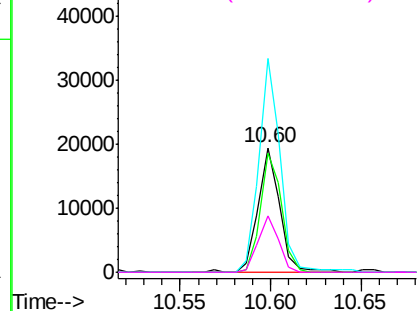
#62
Azobenzene
Concen: 2.908 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 16188
Ion Ratio Lower Upper
77 100
182 95.4 1.7 41.7#
105 171.1 3.0 43.0#
51 45.0 9.9 49.9

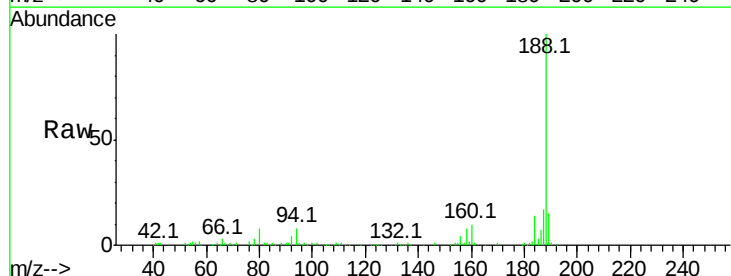


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

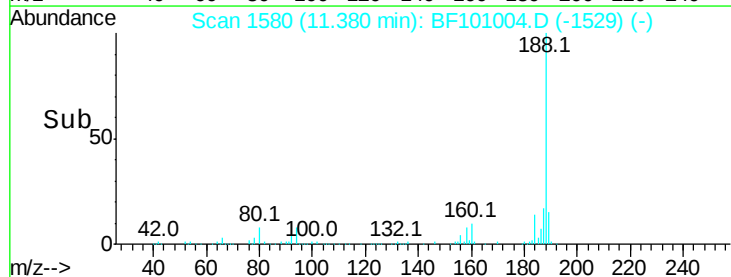
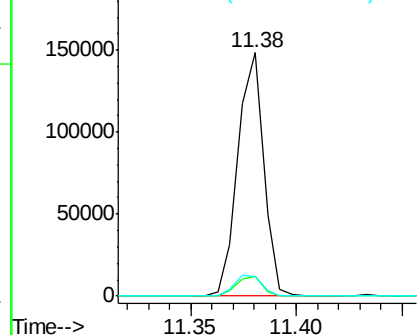


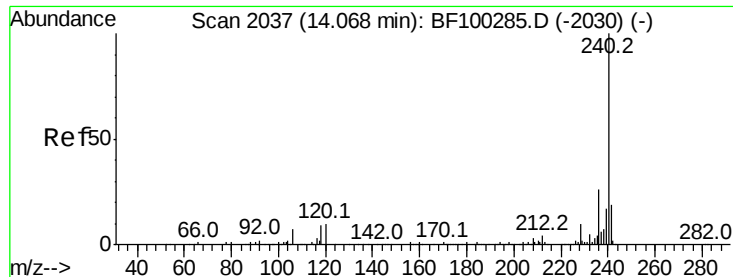
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion: 188 Resp: 125714
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101004.D

Acq: 30 Nov 2017 4:22

Instrument :

BNA_F

ClientSampleId :

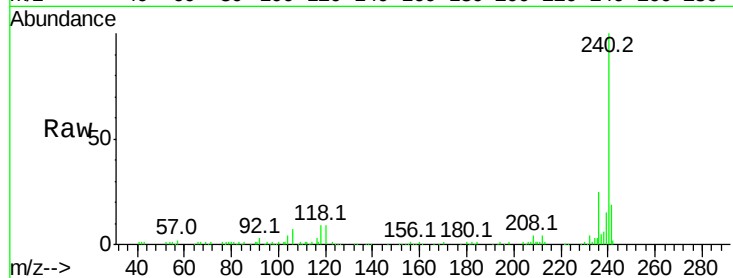
Tot Ion:240 Resp: 117878

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

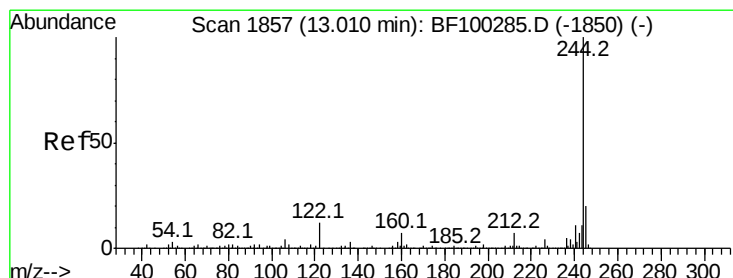
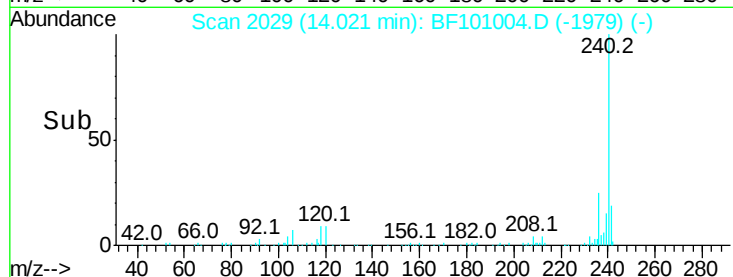
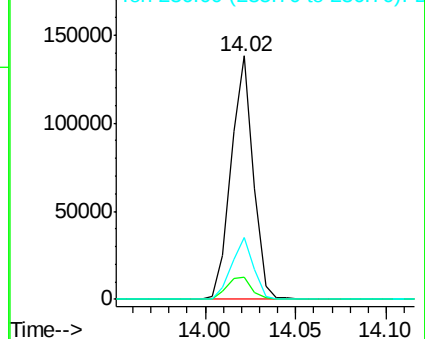
236 25.3 20.7 31.1



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: 71.082 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101004.D

Acq: 30 Nov 2017 4:22

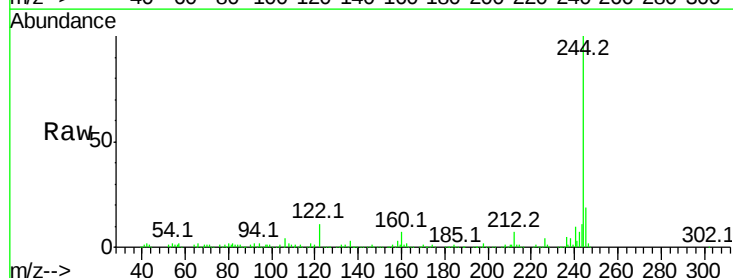
Tgt Ion:244 Resp: 364669

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

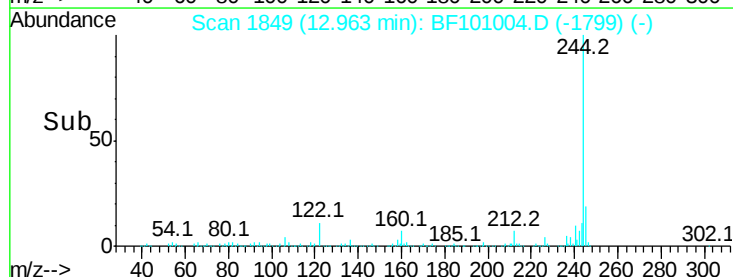
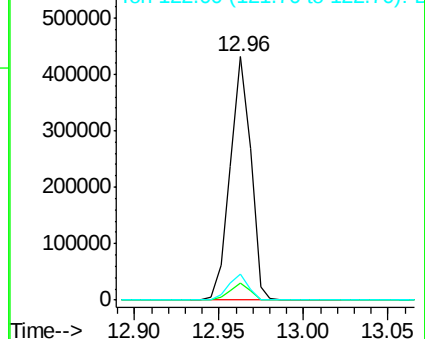
122 10.5 11.0 16.4#

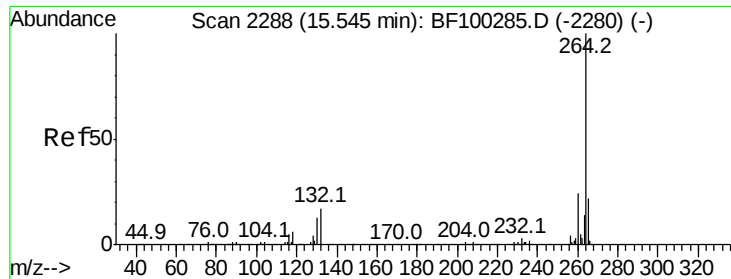


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

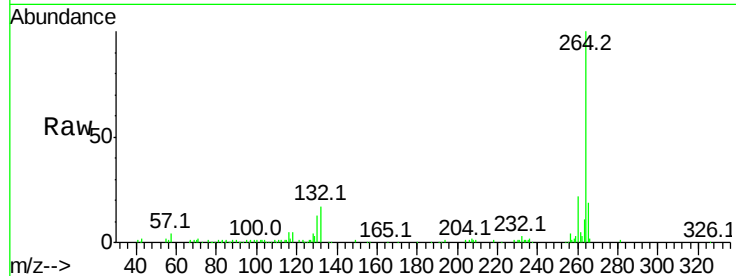




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	19.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

