

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100606.D
 Acq On : 16 Nov 2017 00:17
 Operator : SJ/JU
 Sample : I6426-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:39:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

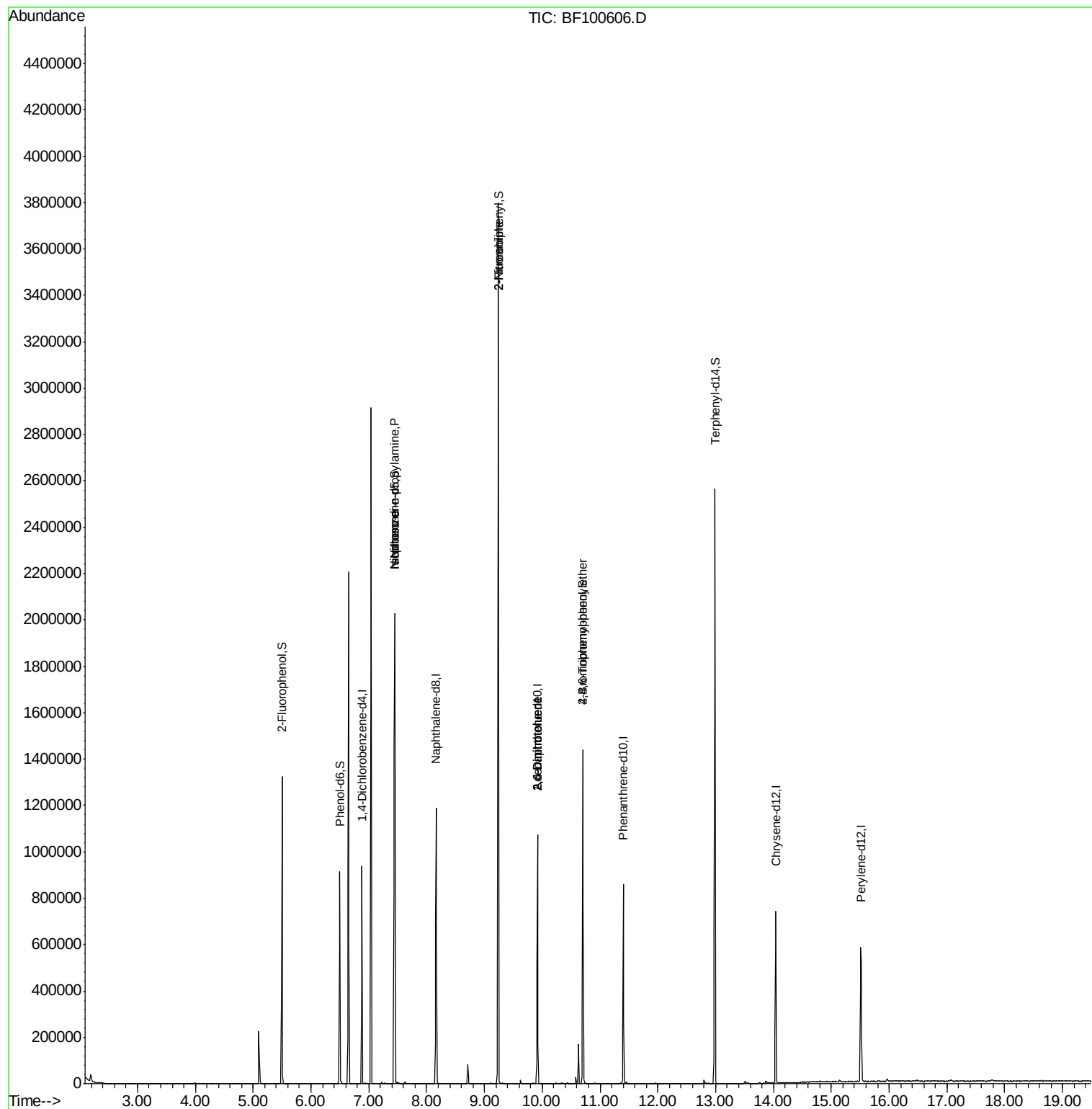
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	130821	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	496706	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	202959	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	312683	20.00	ng	0.00
75) Chrysene-d12	14.04	240	255355	20.00	ng	-0.01
86) Perylene-d12	15.51	264	272764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	347800	42.62	ng	0.00
7) Phenol-d6	6.50	99	257229	25.56	ng	-0.02
23) Nitrobenzene-d5	7.45	82	797707	106.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	178893	86.50	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1354101	101.59	ng	0.00
78) Terphenyl-d14	12.99	244	853645	76.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	105944	15.18	ng	# 82
25) Isophorone	7.45	82	797324	50.50	ng	# 64
47) 2-Nitroaniline	9.24	65	1890	3.26	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	25406	8.28	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	25406	6.57	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	11042	3.29	ng	# 1

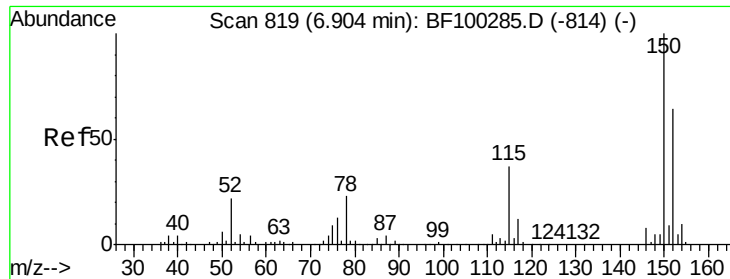
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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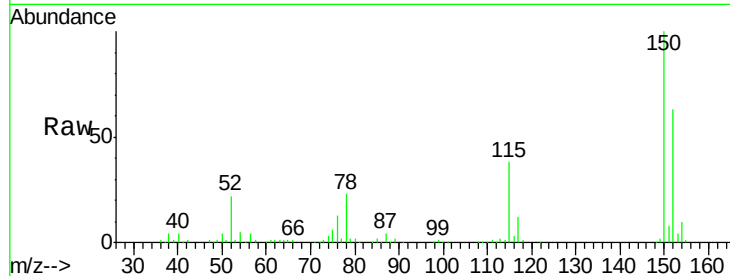


#1

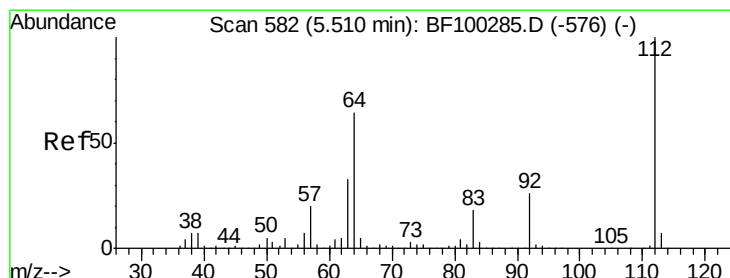
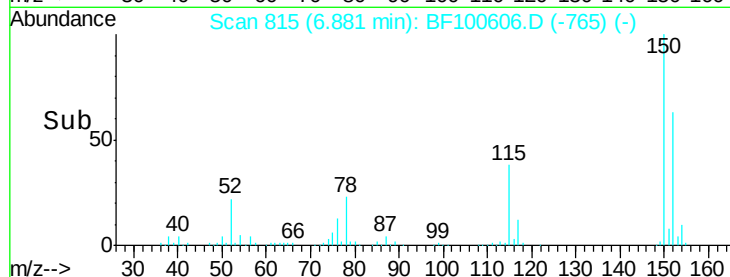
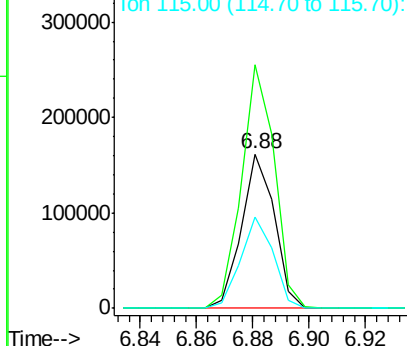
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130821
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 59.3 50.1 75.1



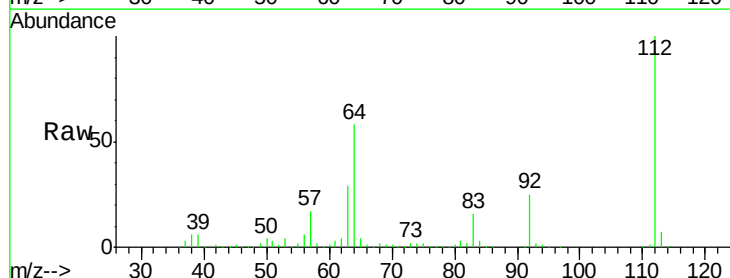
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



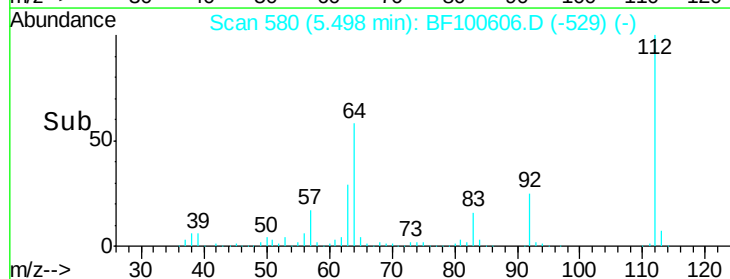
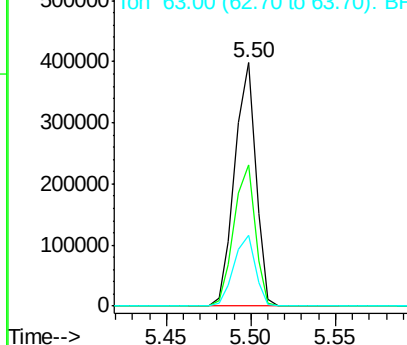
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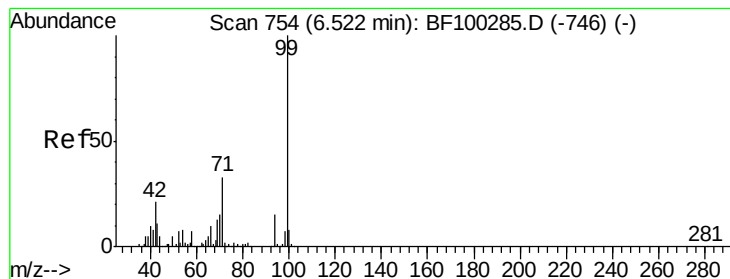
2-Fluorophenol
Concen: 42.62 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion:112 Resp: 347800
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.1 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: 25.56 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

Instrument :

BNA_F

ClientSampleId :

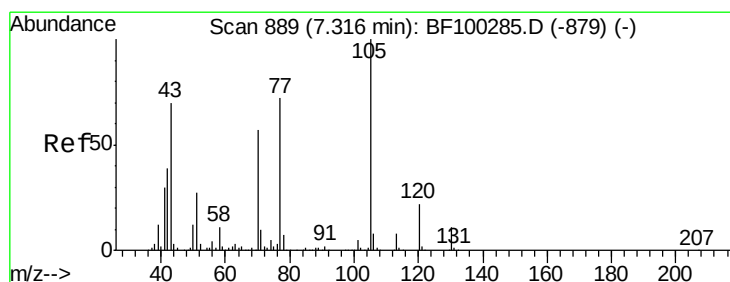
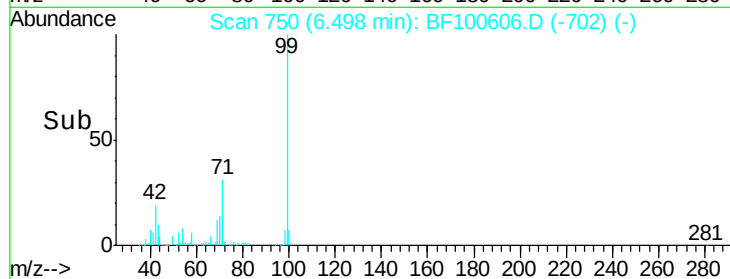
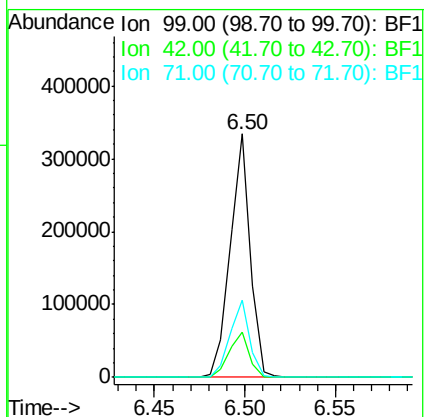
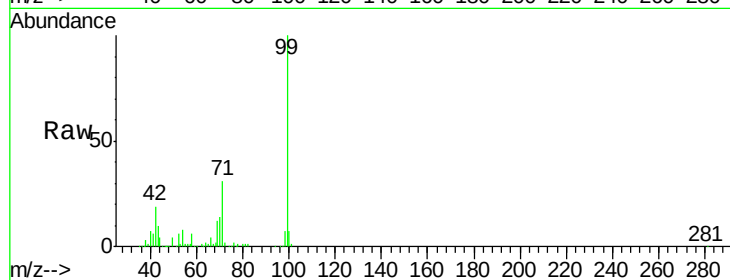
Tot Ion: 99 Resp: 257229

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 31.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.18 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

Tgt Ion: 70 Resp: 105944

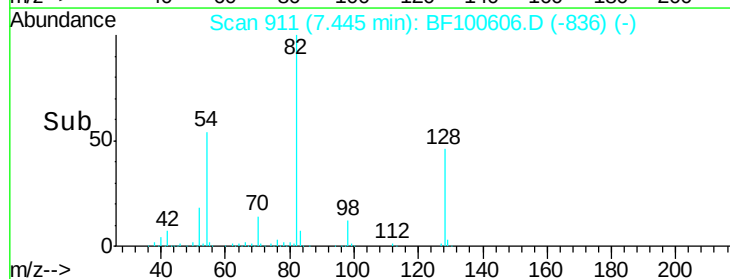
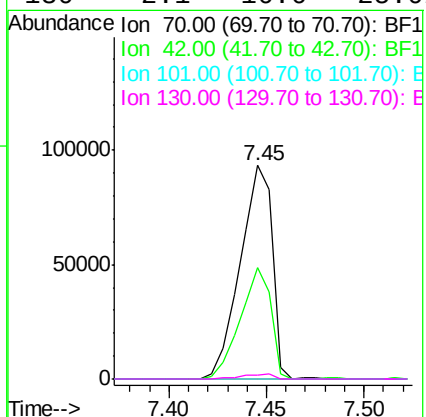
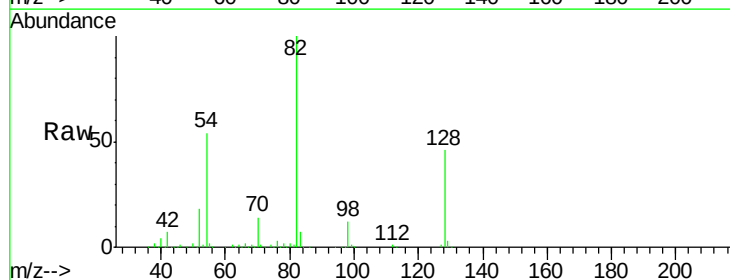
Ion Ratio Lower Upper

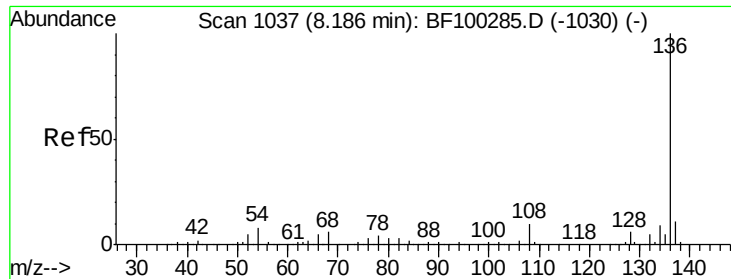
70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

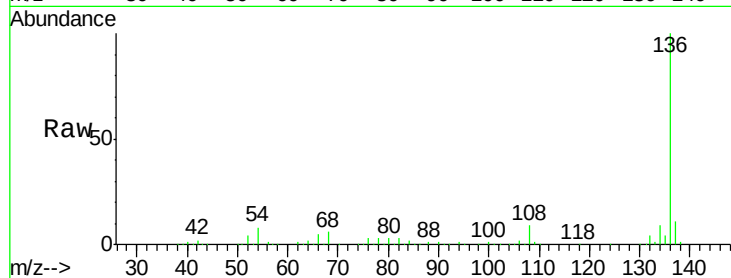




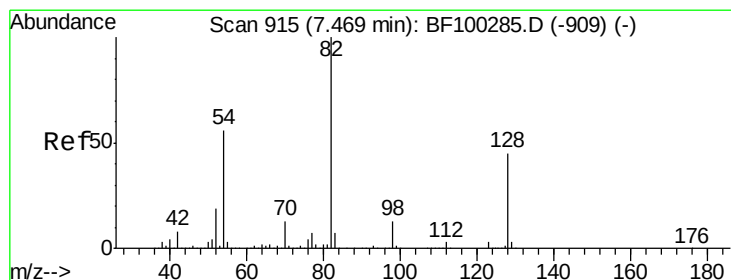
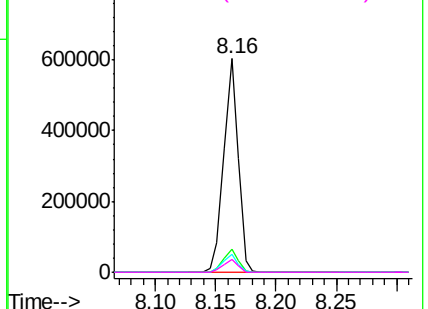
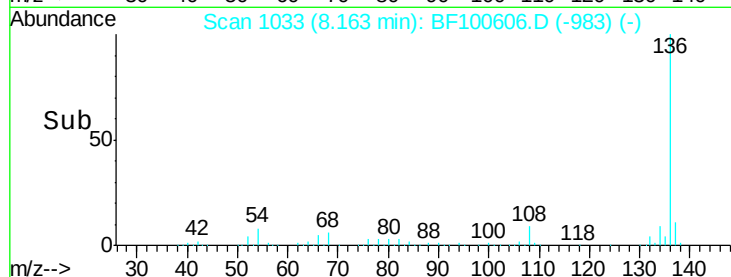
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	496706
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	8.5	6.6 9.8
68	6.1	5.0 7.4

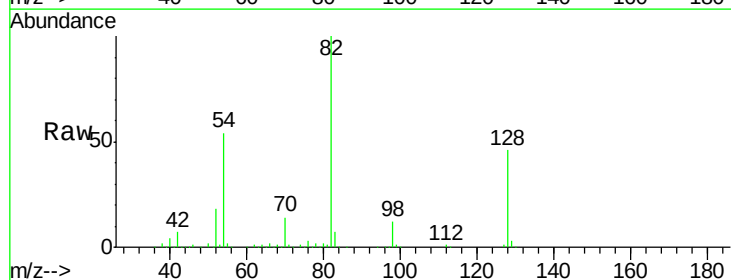


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

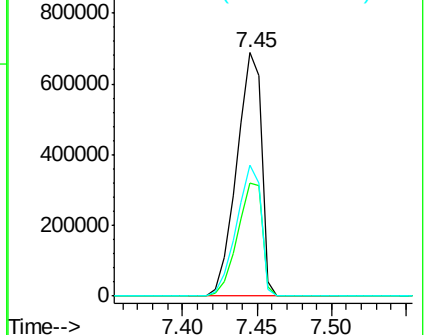
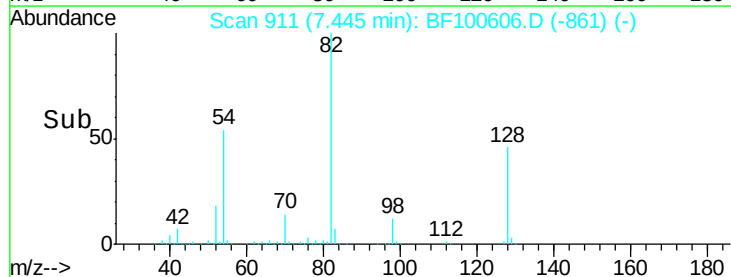


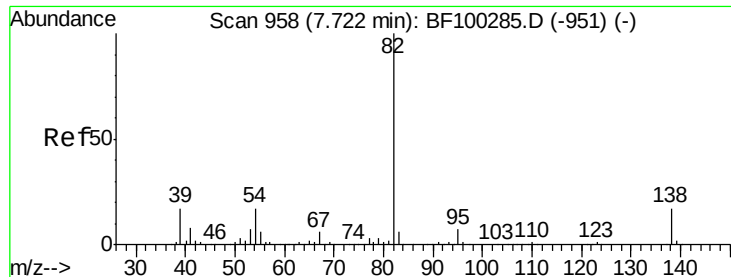
#23
Nitrobenzene-d5
Concen: 106.18 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion: 82	Resp:	797707
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	54.0	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

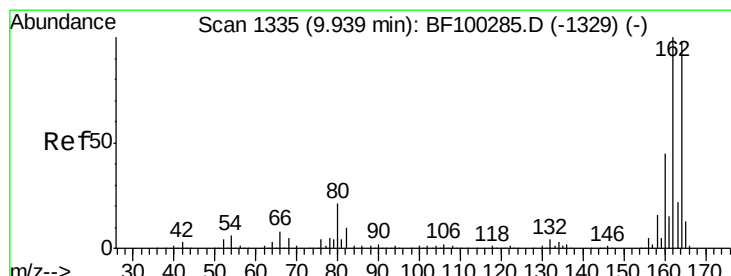
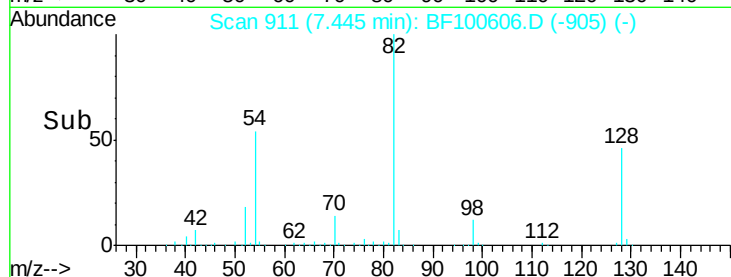
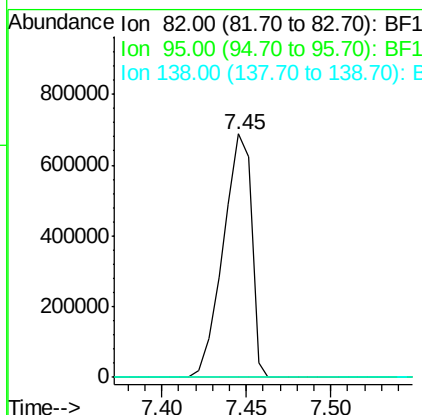
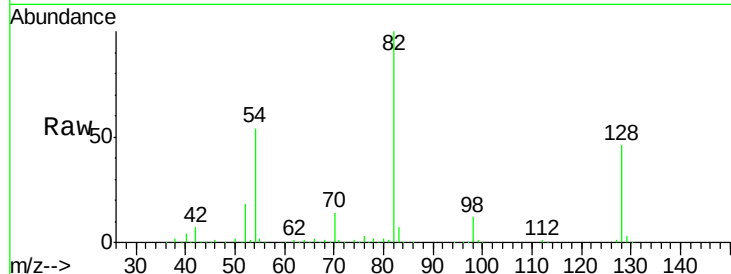




#25
Isophorone
Concen: 50.50 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

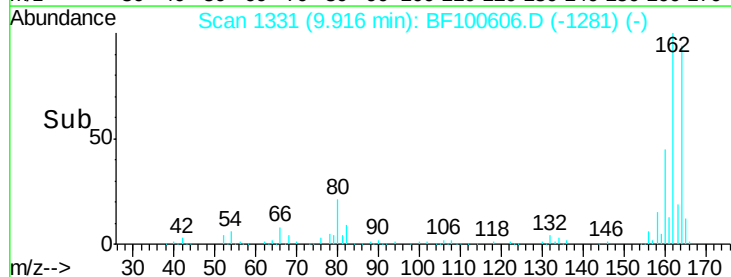
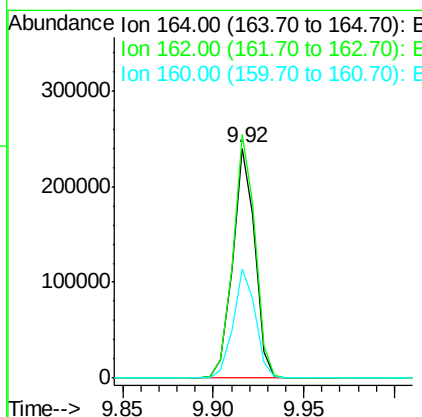
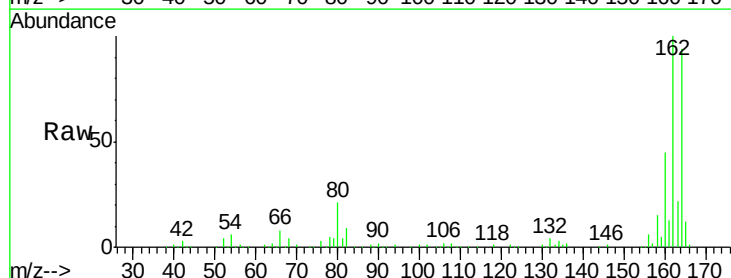
Instrument :
BNA_F
ClientSampleId :

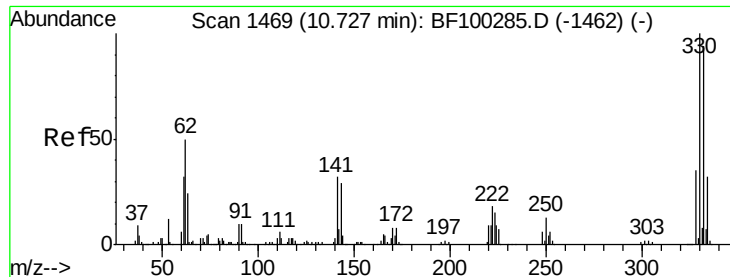
Tot Ion: 82 Resp: 797324
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion: 164 Resp: 202959
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 47.3 38.3 57.5

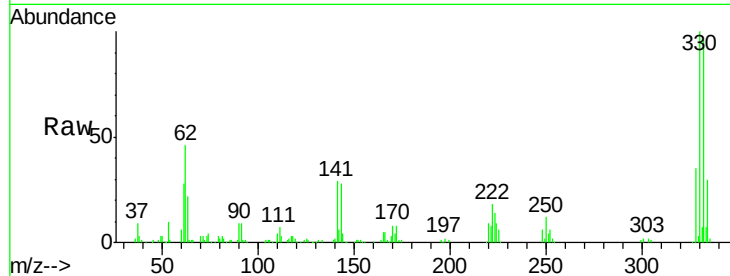




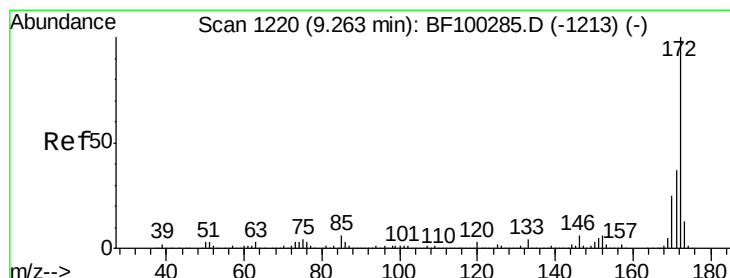
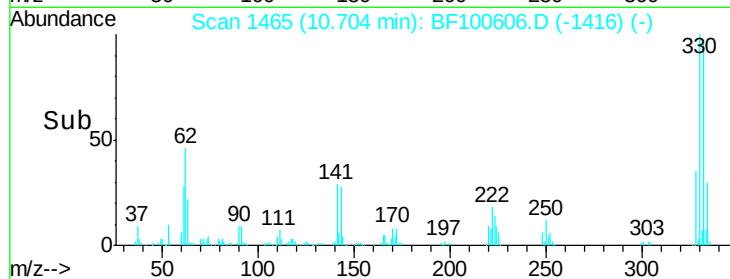
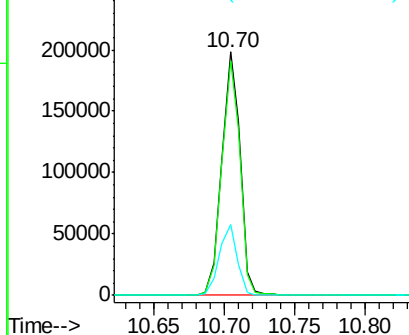
#41
 2,4,6-Tribromophenol
 Concen: 86.50 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 178893
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 28.7 29.9 44.9#

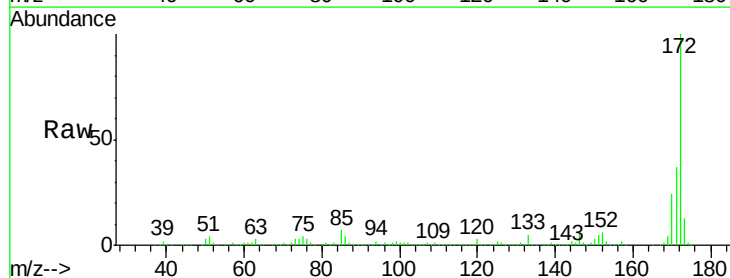


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

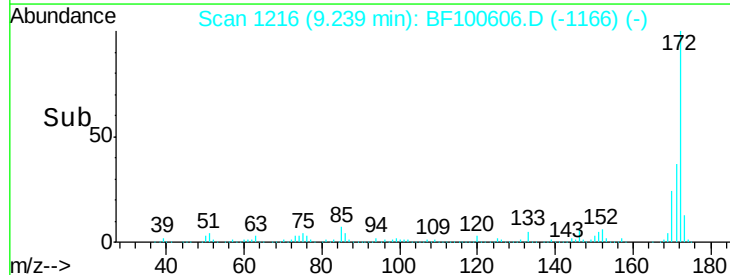
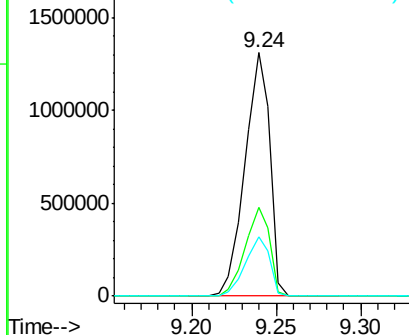


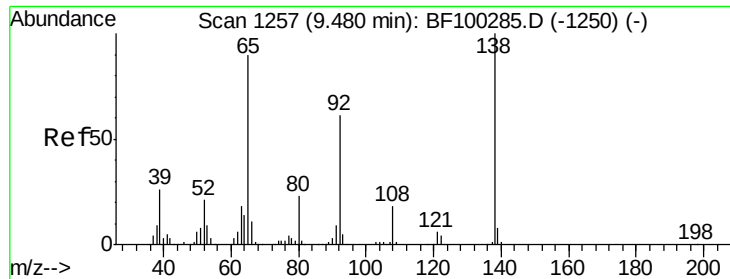
#44
 2-Fluorobiphenyl
 Concen: 101.59 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Tgt Ion:172 Resp: 1354101
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 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

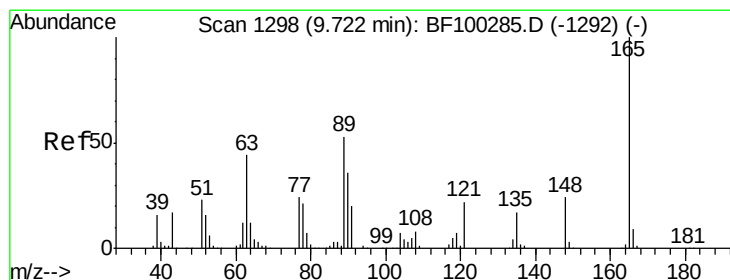
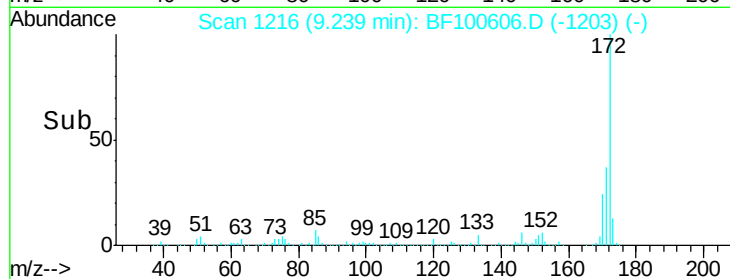
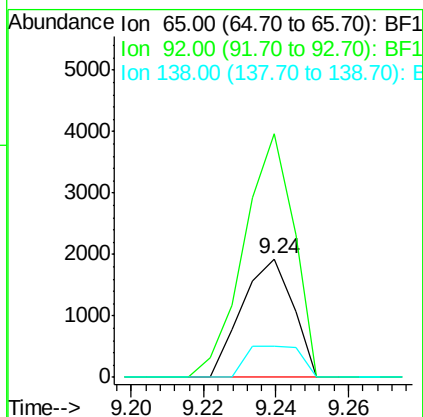
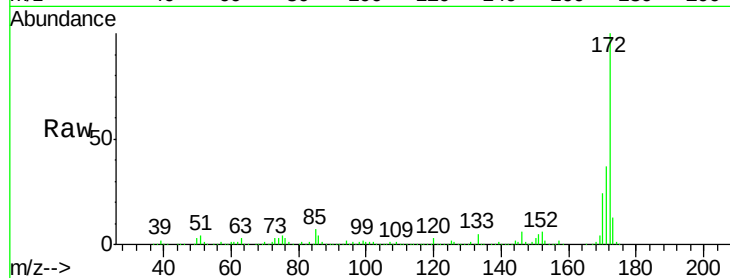




#47
2-Nitroaniline
Concen: 3.26 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

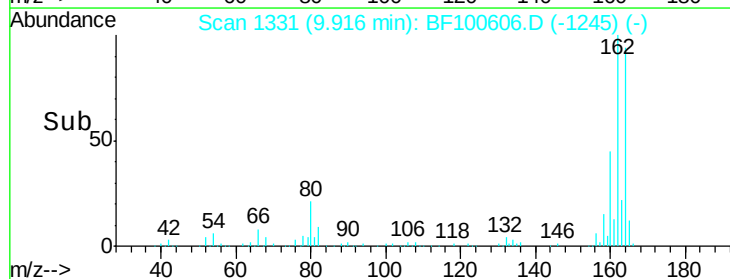
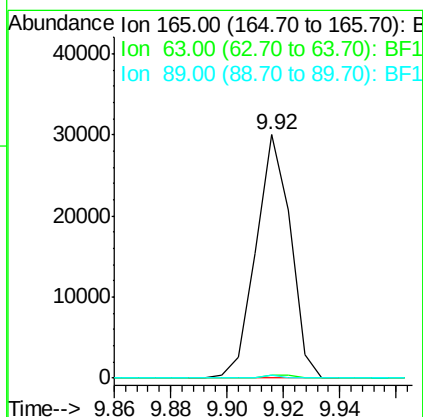
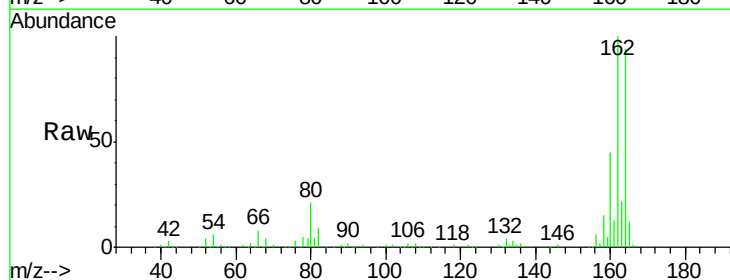
Instrument :
BNA_F
ClientSampled :

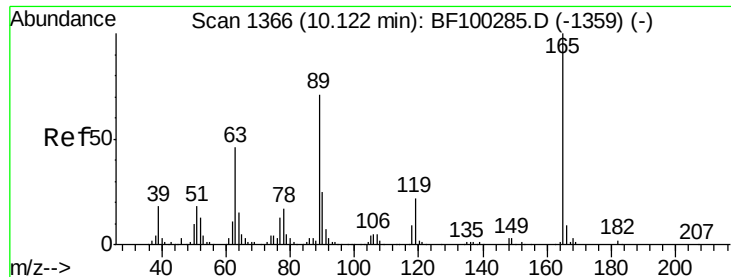
Tot Ion	65	92	138	Resp	1890	Lower	Upper
Ion	100	205.1	26.4				
Ratio							
		55.8	91.2				
		83.6#	136.8#				



#50
2,6-Dinitrotoluene
Concen: 8.28 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion	165	63	89	Resp	25406	Lower	Upper
Ion	100	1.1	1.2				
Ratio							
		44.7	44.0				
		67.1#	66.0#				

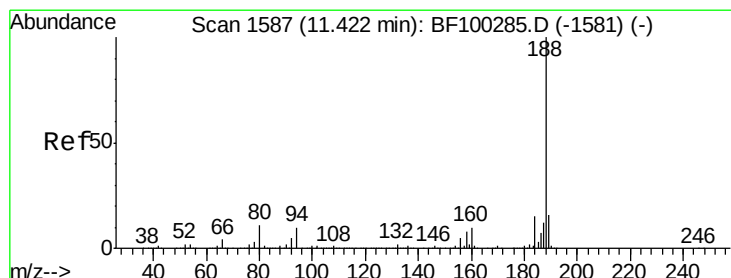
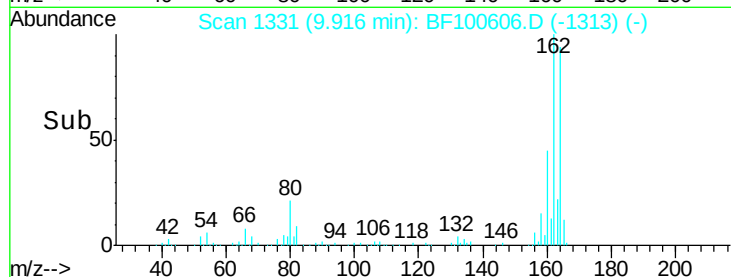
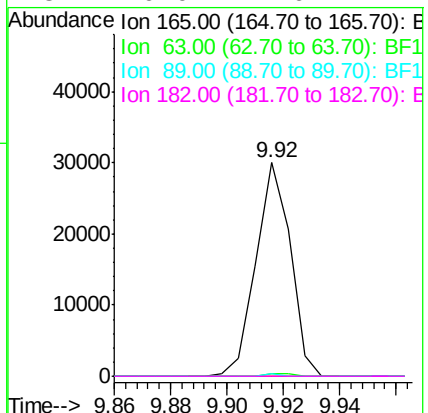
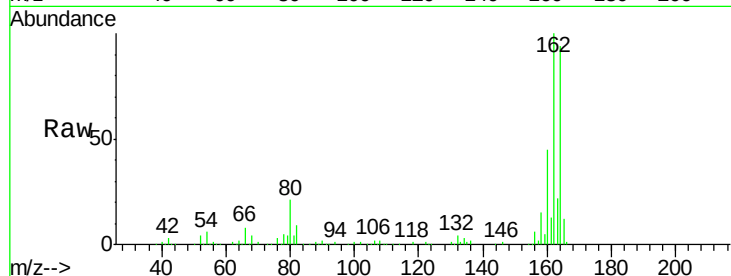




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

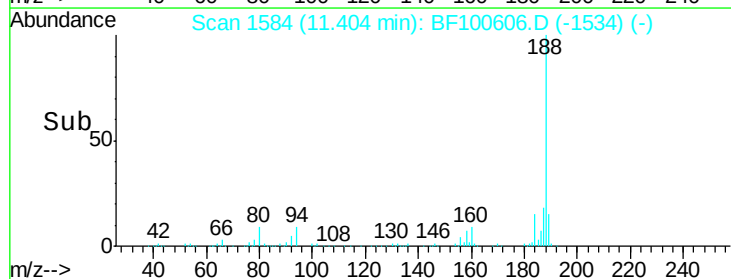
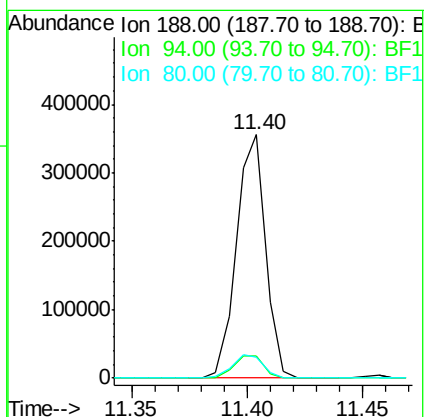
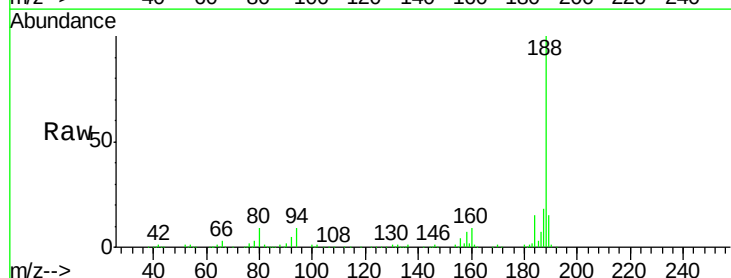
Instrument :
 BNA_F
 ClientSampleId :

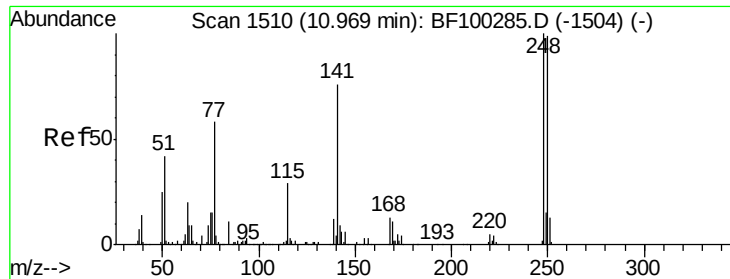
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100606.D
 Acq: 16 Nov 2017 00:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	8.5	9.2	13.8#

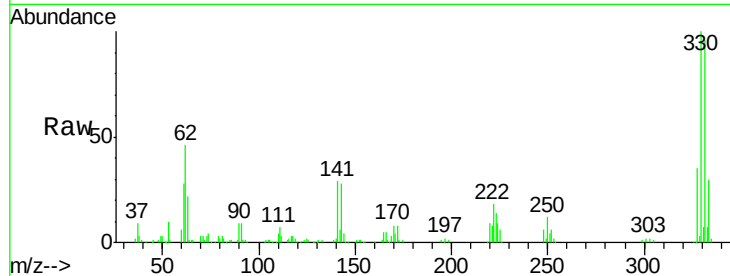




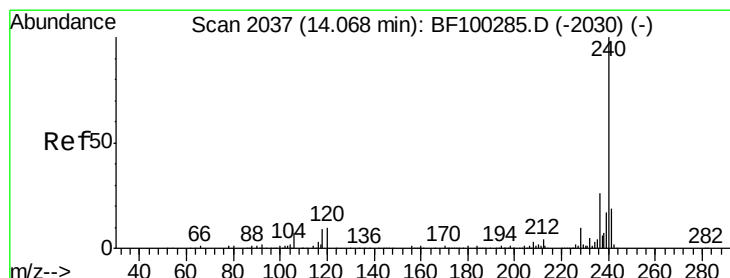
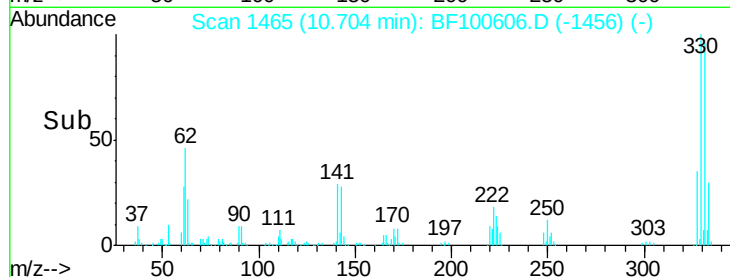
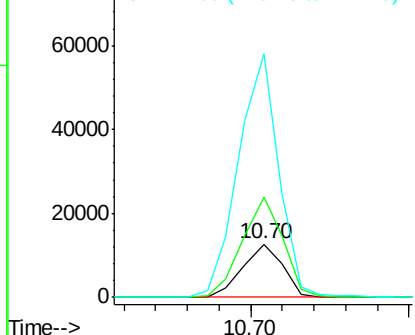
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11042
Ion Ratio Lower Upper
248 100
250 189.1 76.9 115.3#
141 456.3 74.4 111.6#

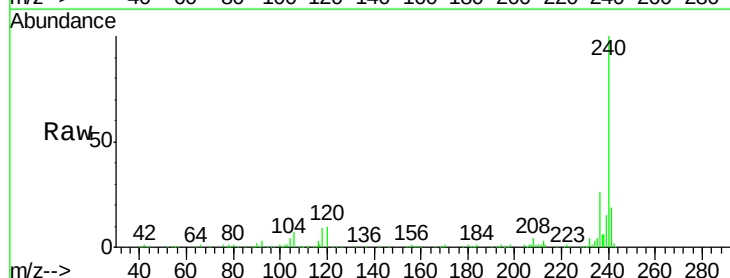


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

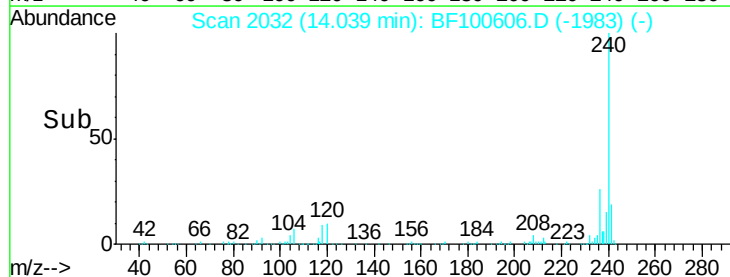
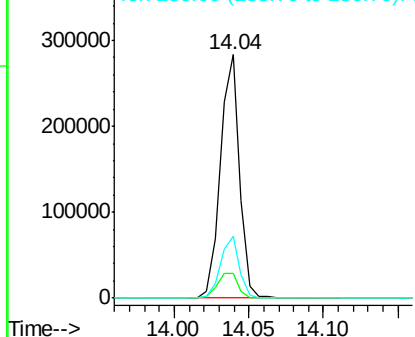


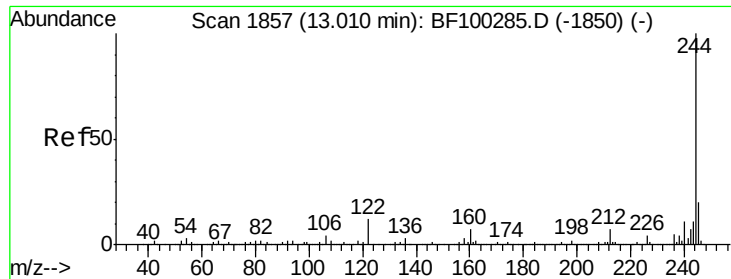
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100606.D
Acq: 16 Nov 2017 00:17

Tgt Ion:240 Resp: 255355
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.7 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: 76.81 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

Instrument :

BNA_F

ClientSampled :

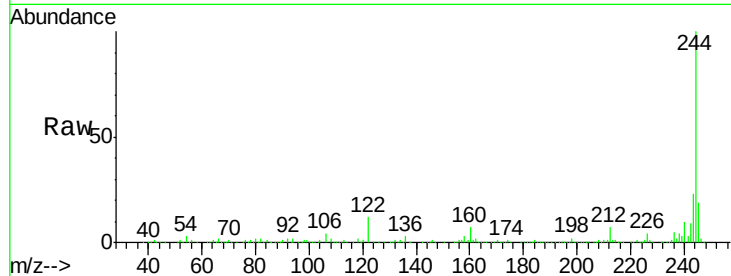
Tot Ion:244 Resp: 853645

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

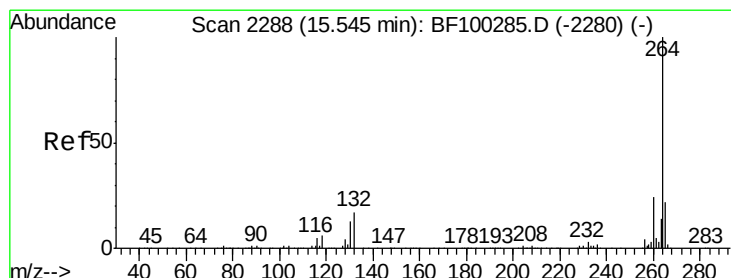
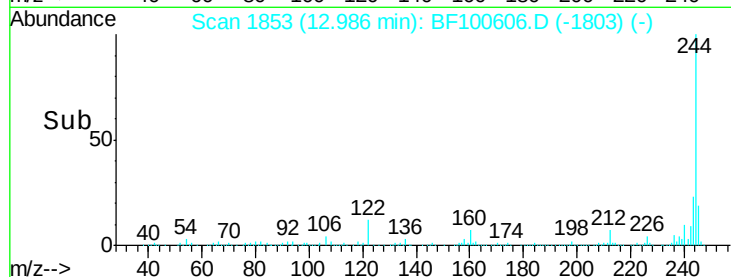
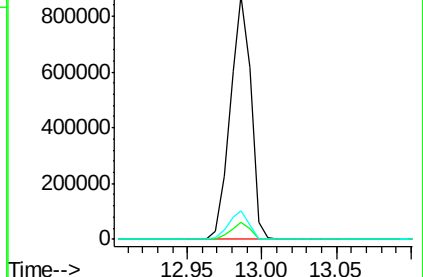
122 11.8 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100606.D

Acq: 16 Nov 2017 00:17

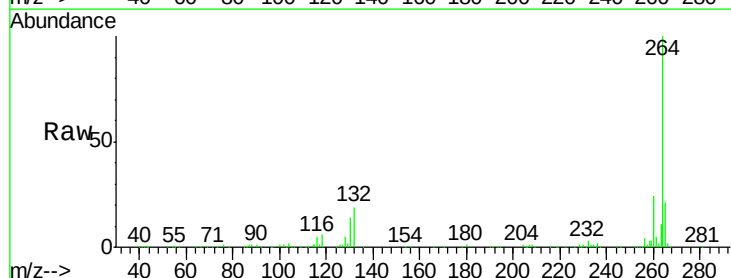
Tgt Ion:264 Resp: 272764

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.3 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

