

Data File : BF100713.D
Acq On : 18 Nov 2017 10:50
Operator : SJ/JU
Sample : I6299-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-111617

Quant Time: Nov 20 00:12:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	92483	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	359086	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	148675	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	231621	20.00	ng	0.00
75) Chrysene-d12	14.04	240	204508	20.00	ng	0.00
86) Perylene-d12	15.52	264	163740	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	565792	98.07	ng	0.02
7) Phenol-d6	6.51	99	596771	83.88	ng	0.00
23) Nitrobenzene-d5	7.45	82	480161	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	170034	112.23	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	928734	95.12	ng	0.00
78) Terphenyl-d14	12.99	244	712357	80.04	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	12797	2.52	ng	88
19) n-Nitroso-di-n-propylamine	7.45	70	62892	12.75	ng	# 79
25) Isophorone	7.45	82	480153	42.07	ng	# 64
31) Naphthalene	8.19	128	110801	6.41	ng	97
32) Benzoic acid	7.86	122	387	9.45	ng	# 47
47) 2-Nitroaniline	9.55	65	253	2.87	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	18713	8.33	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	18713	6.60	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	109	8.65	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	10474	4.22	ng	# 1

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

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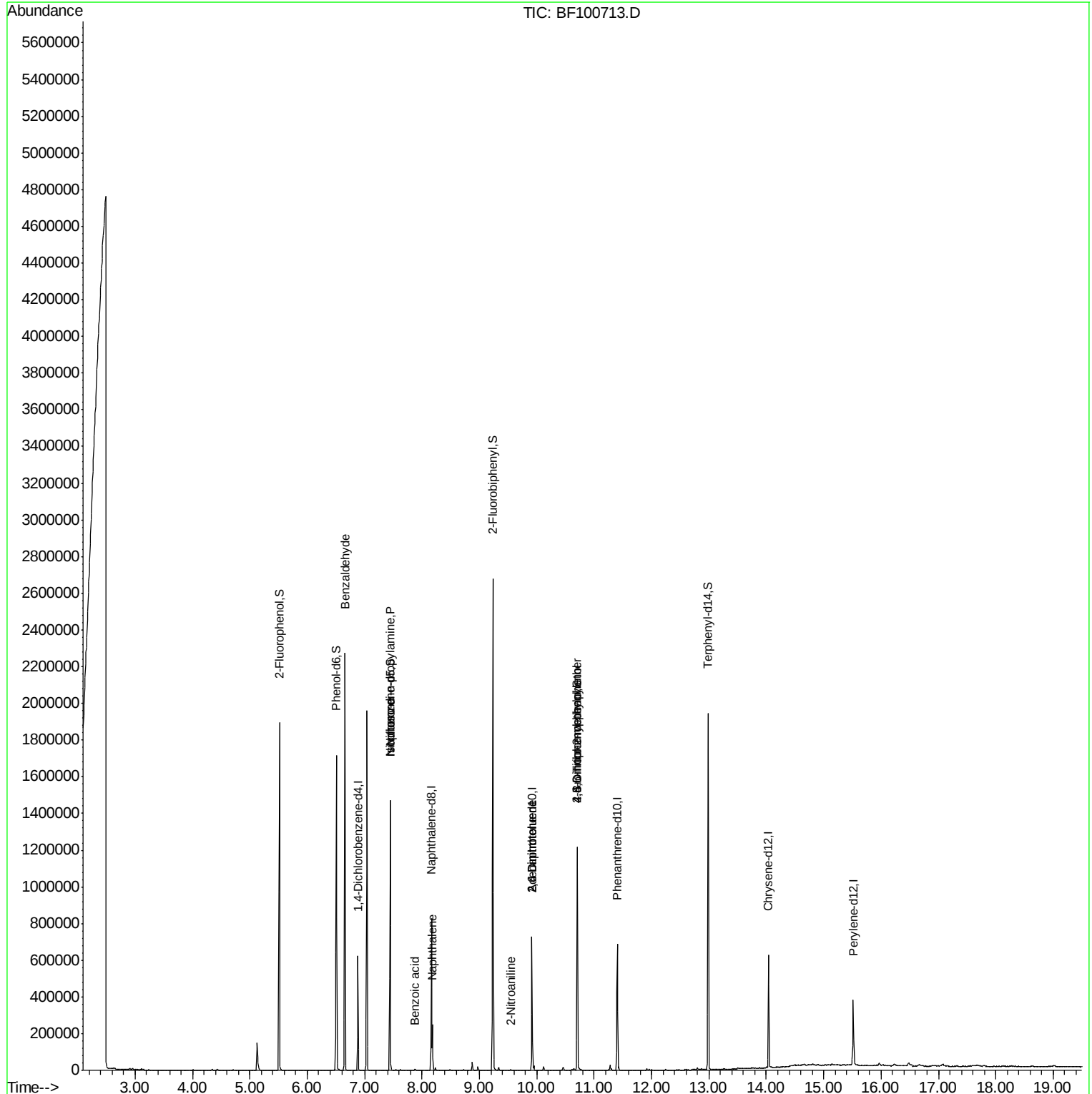
Quant Time: Nov 20 00:12:00 2017

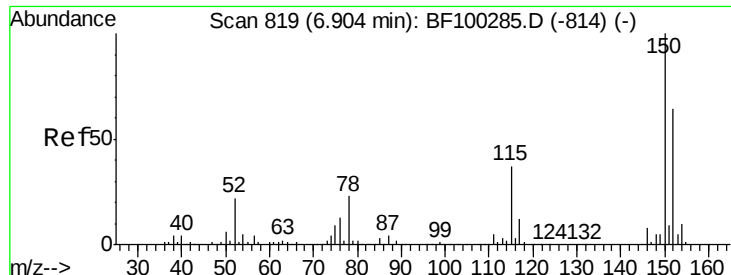
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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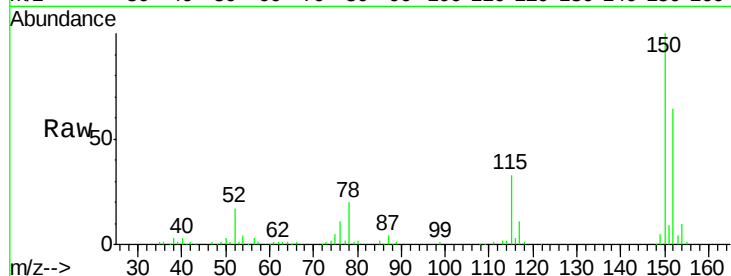


#1

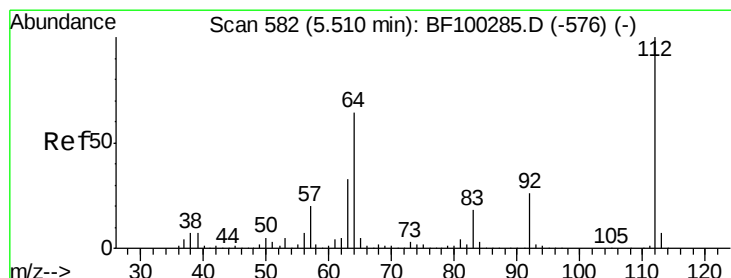
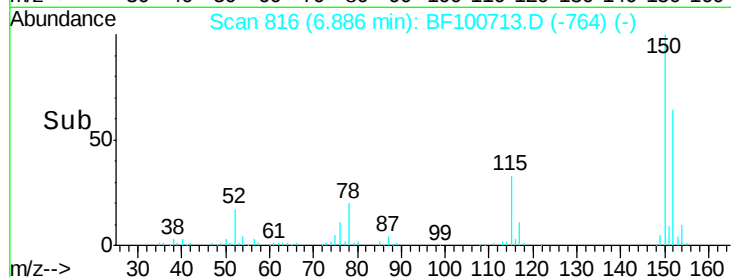
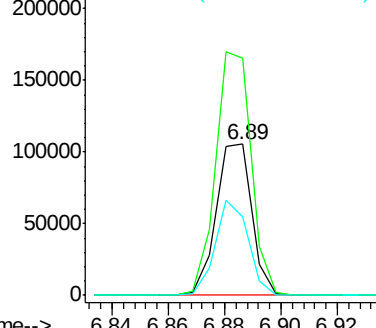
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_F
ClientSampleId :
OK-01-111617

Tgt Ion:152 Resp: 92483
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 51.7 50.1 75.1



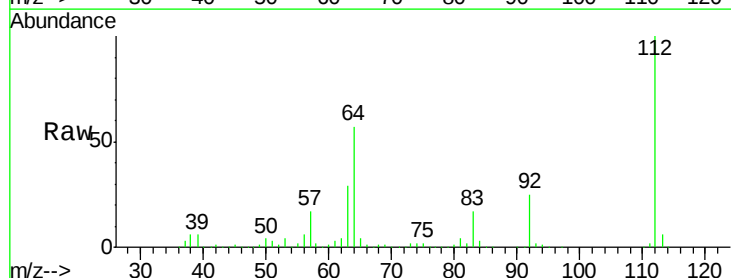
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



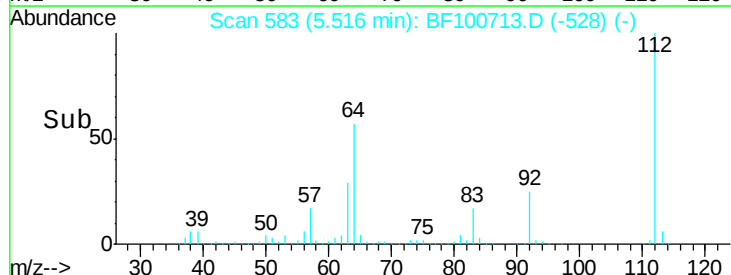
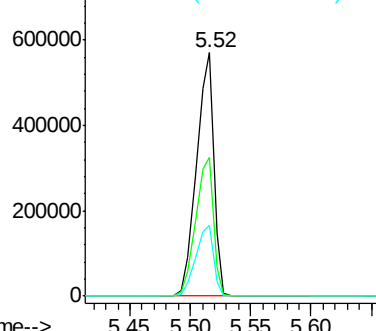
#5

2-Fluorophenol
Concen: 98.07 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Tgt Ion:112 Resp: 565792
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.9 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: 83.88 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100713.D

Acq: 18 Nov 2017 10:50

Instrument :

BNA_F

ClientSampleId :

OK-01-111617

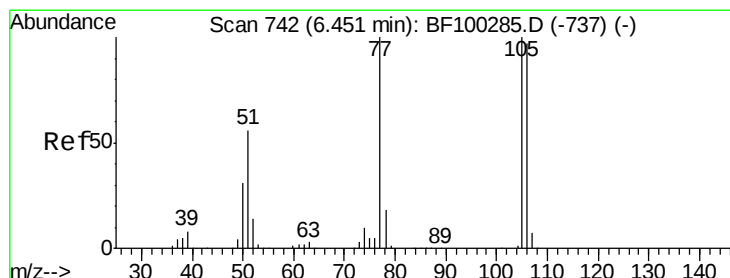
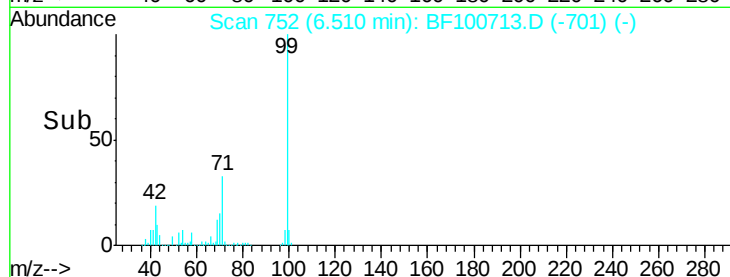
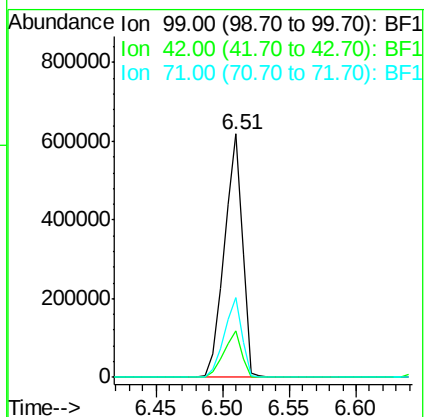
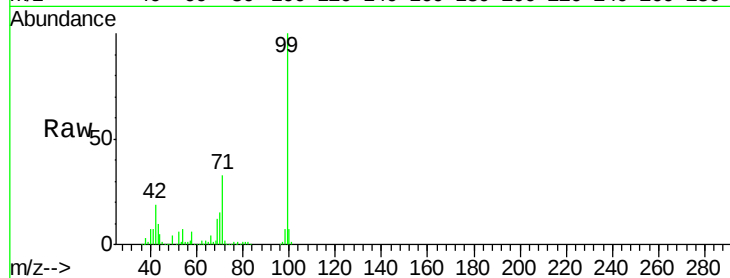
Tgt Ion: 99 Resp: 596771

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.5 25.4 38.0



#9

Benzaldehyde

Concen: 2.52 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100713.D

Acq: 18 Nov 2017 10:50

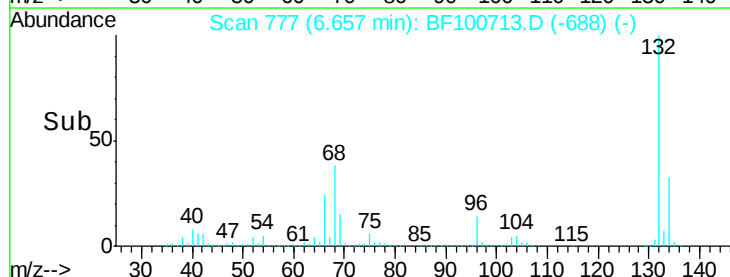
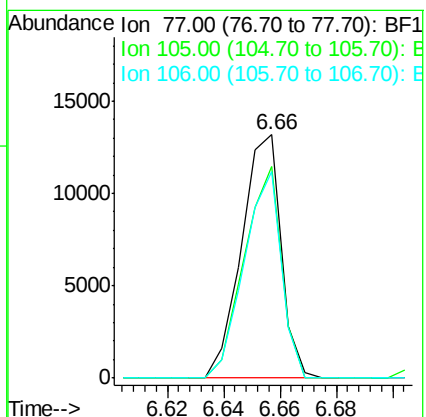
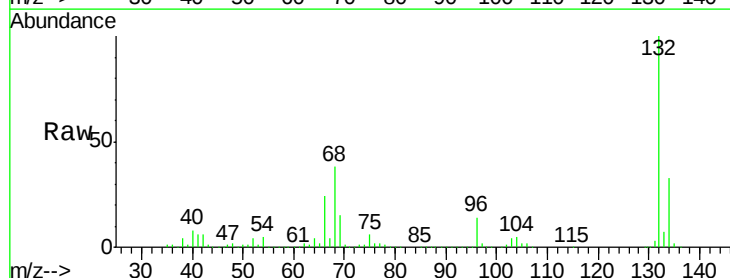
Tgt Ion: 77 Resp: 12797

Ion Ratio Lower Upper

77 100

105 86.9 81.1 121.1

106 84.8 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 12.75 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100713.D

Acq: 18 Nov 2017 10:50

Instrument :

BNA_F

ClientSampleId :

OK-01-111617

Tgt Ion: 70 Resp: 62892

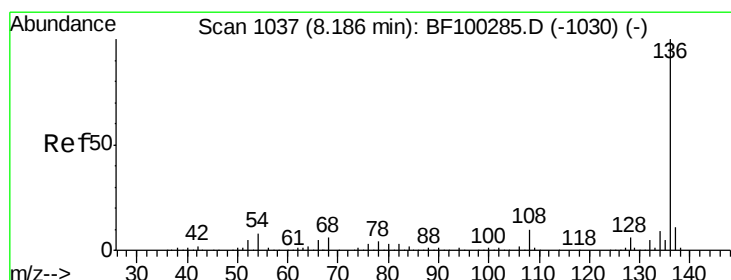
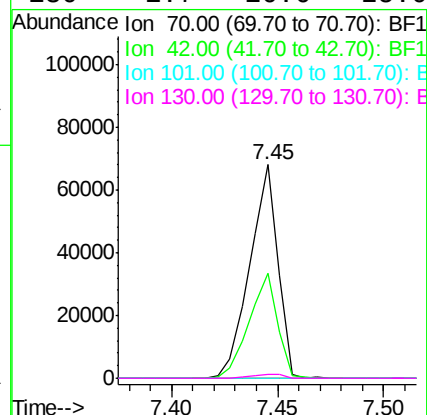
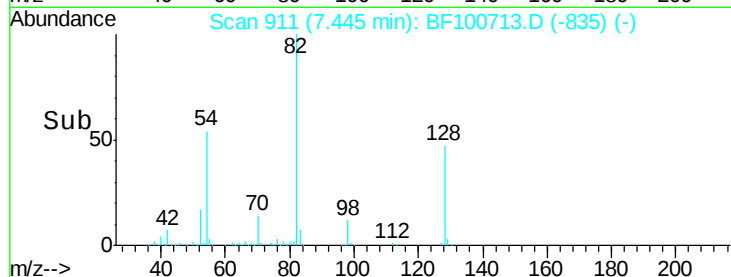
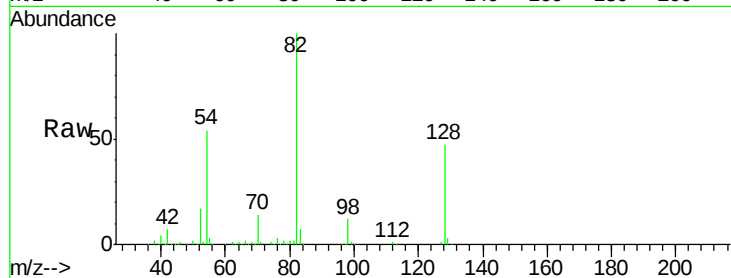
Ion Ratio Lower Upper

70 100

42 49.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 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: BF100713.D

Acq: 18 Nov 2017 10:50

Tgt Ion: 136 Resp: 359086

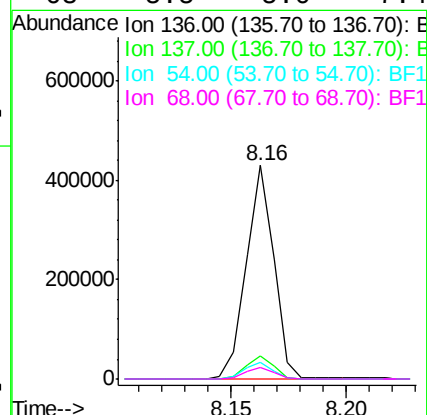
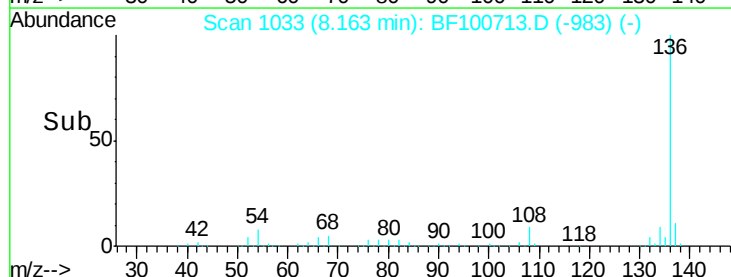
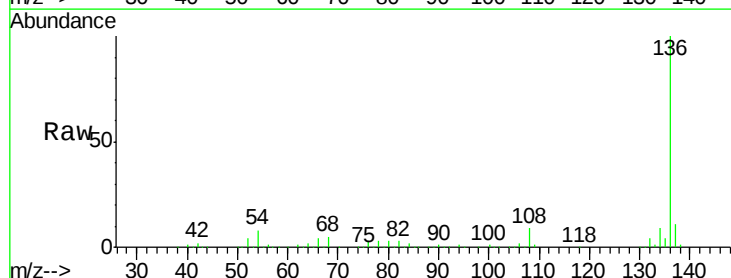
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 5.5 5.0 7.4

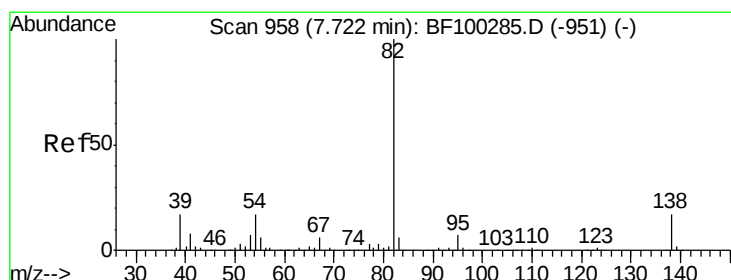
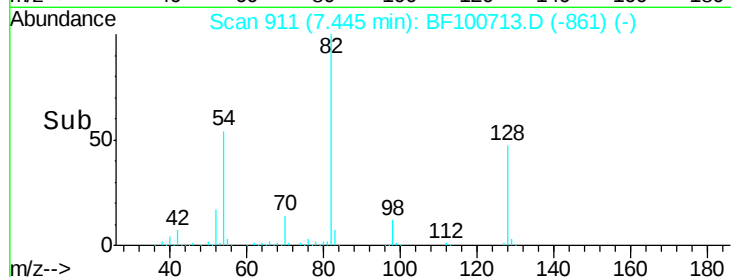
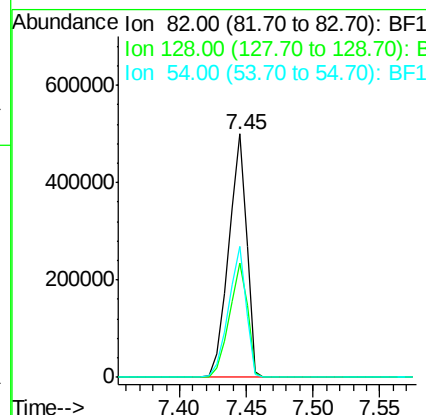
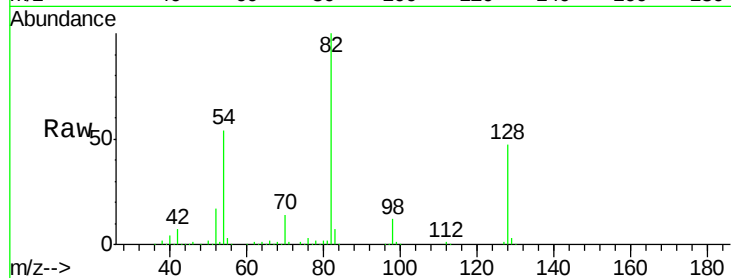




#23
 Nitrobenzene-d5
 Concen: 88.41 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

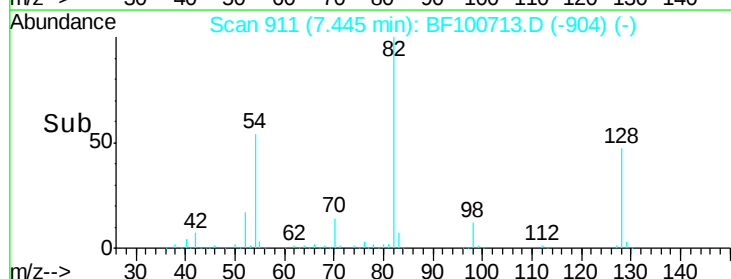
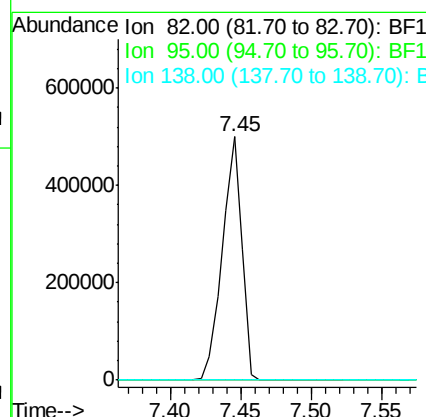
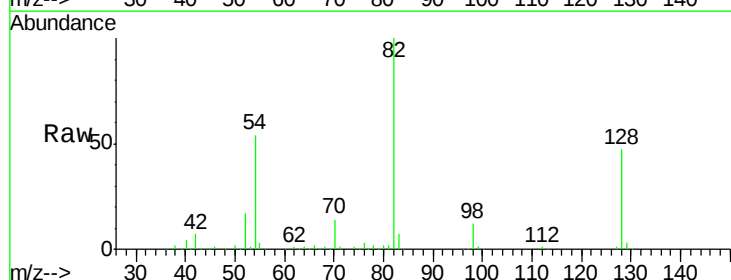
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

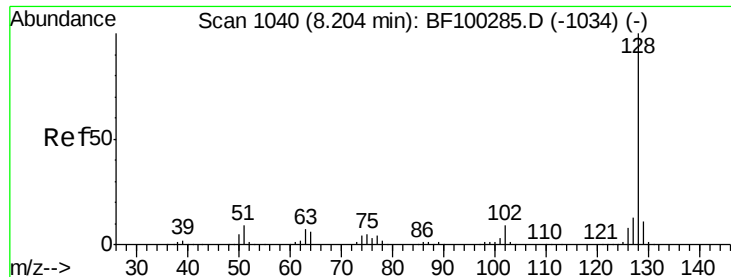
Tgt Ion: 82 Resp: 480161
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 53.9 41.4 62.2



#25
 Isophorone
 Concen: 42.07 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion: 82 Resp: 480153
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

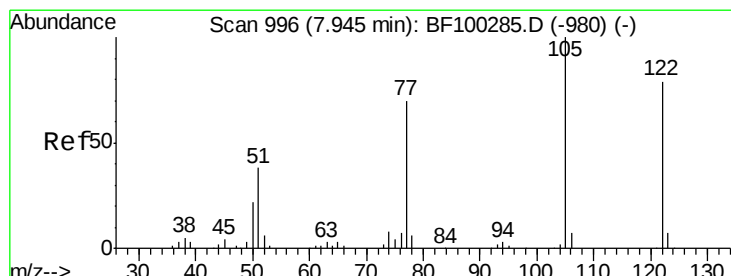
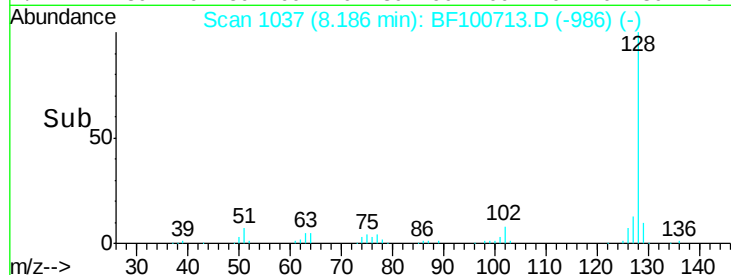
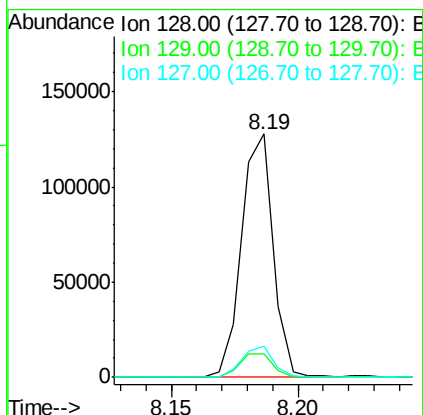
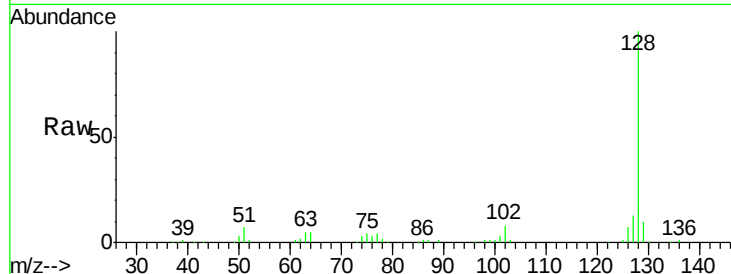




#31
Naphthalene
Concen: 6.41 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

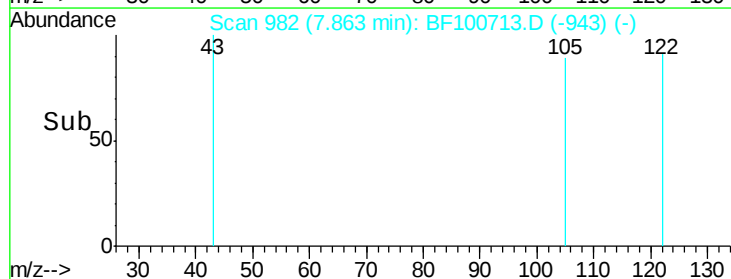
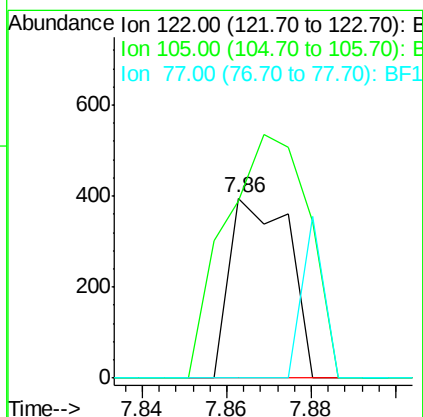
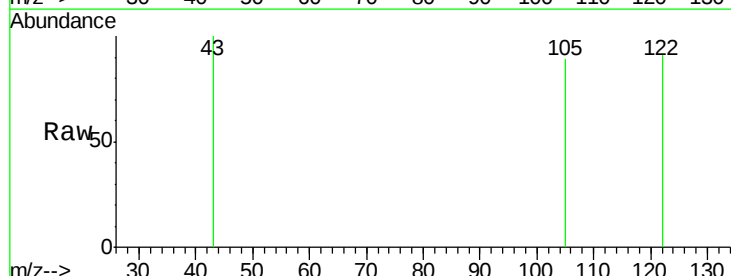
Instrument :
BNA_F
ClientSampleId :
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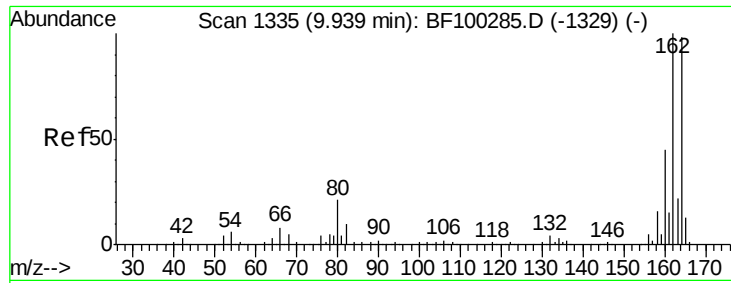
Tgt Ion:128 Resp: 110801
Ion Ratio Lower Upper
128 100
129 9.9 8.8 13.2
127 12.7 10.9 16.3



#32
Benzoic acid
Concen: 9.45 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.07 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Tgt Ion:122 Resp: 387
Ion Ratio Lower Upper
122 100
105 98.0 101.1 141.1#
77 0.0 70.7 110.7#

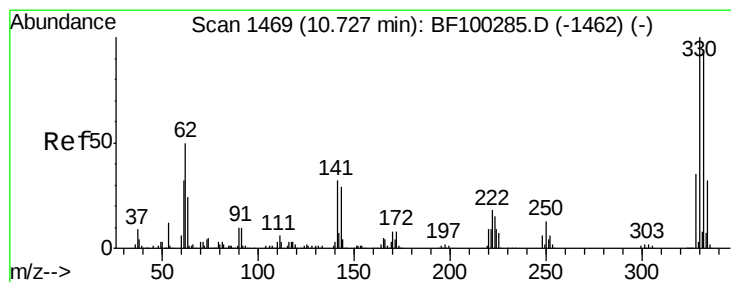
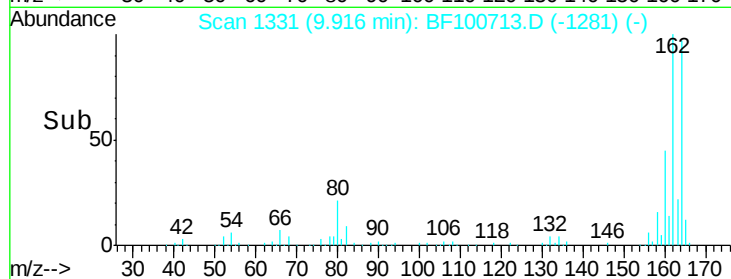
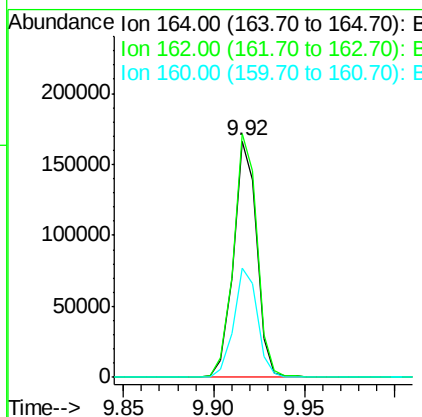
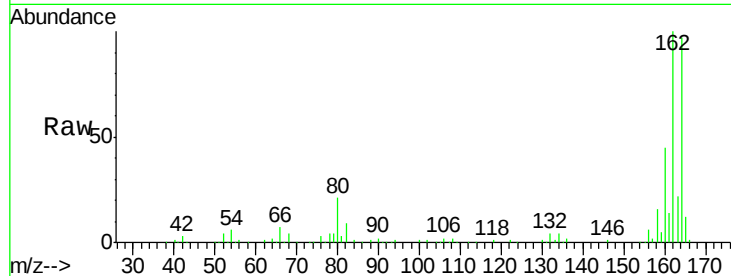




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

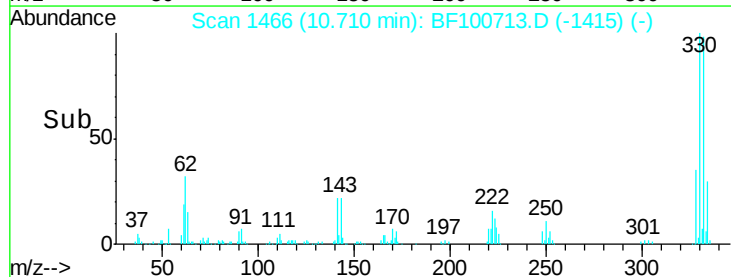
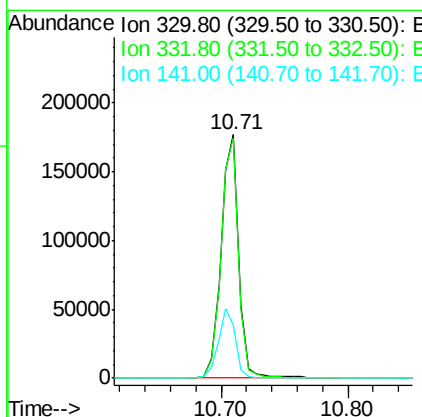
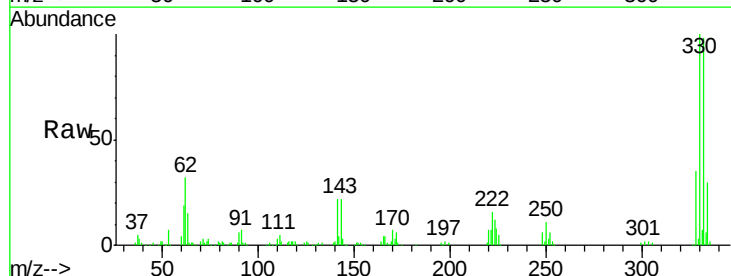
Instrument :
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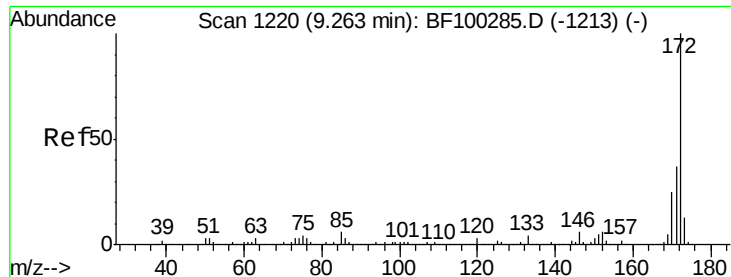
Tgt Ion	Resp	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.3	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 112.23 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	27.9	29.9	44.9#

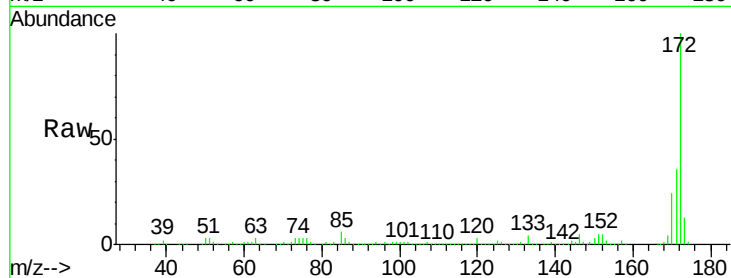




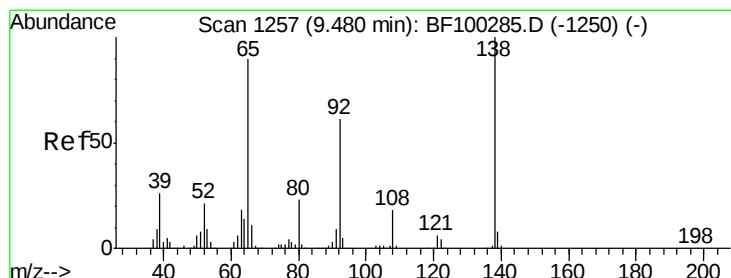
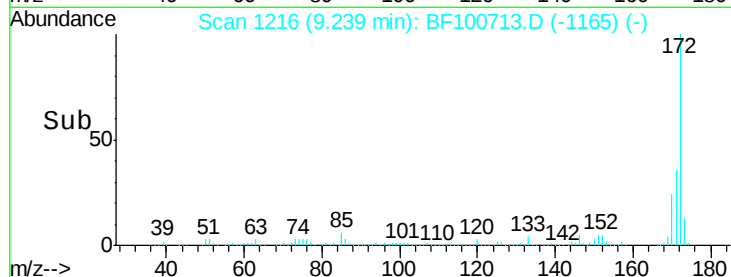
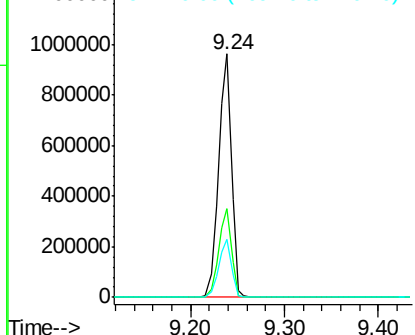
#44
 2-Fluorobiphenyl
 Concen: 95.12 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

Tgt Ion: 172 Resp: 928734
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 19.6 29.4

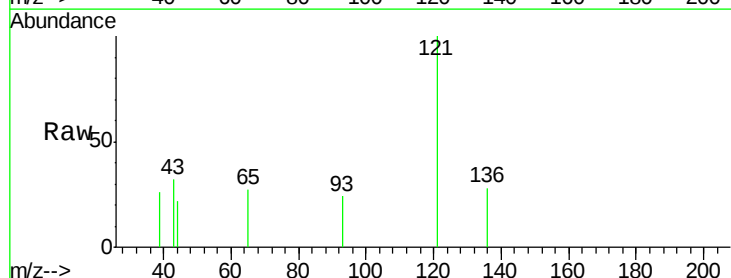


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

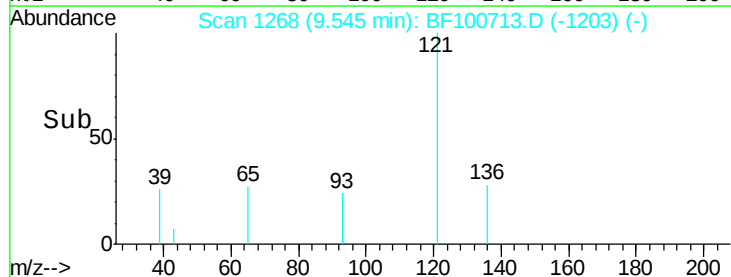
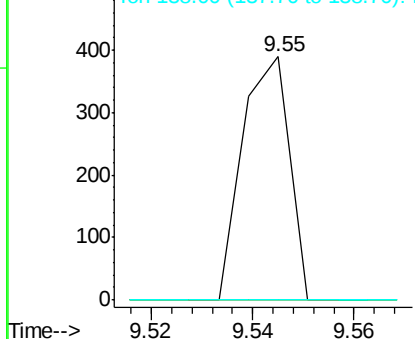


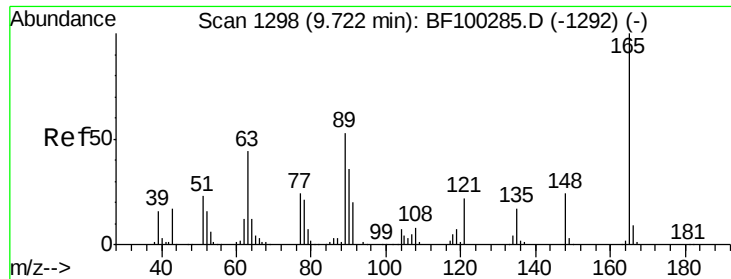
#47
 2-Nitroaniline
 Concen: 2.87 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.08 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion: 65 Resp: 253
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

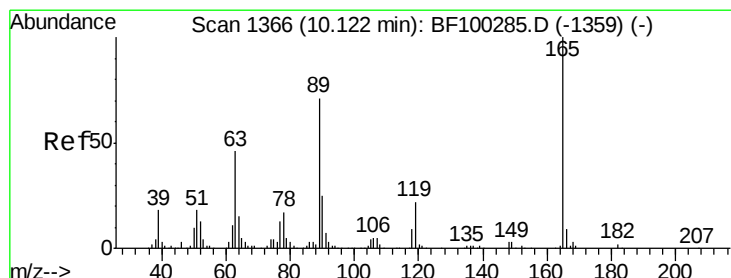
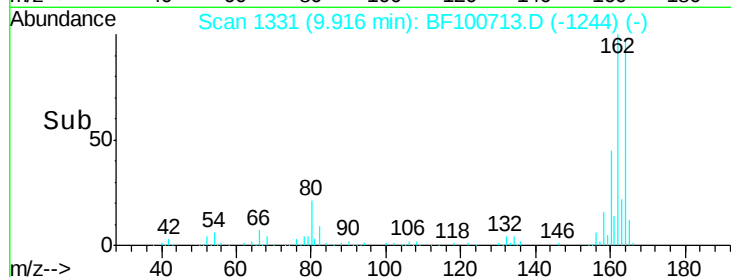
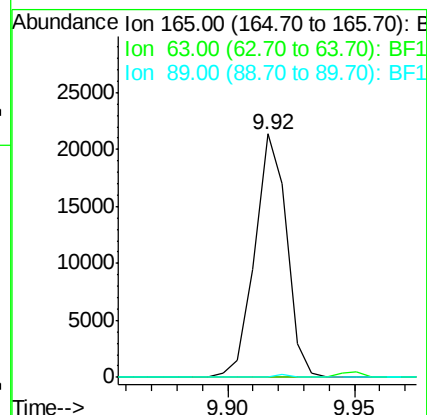
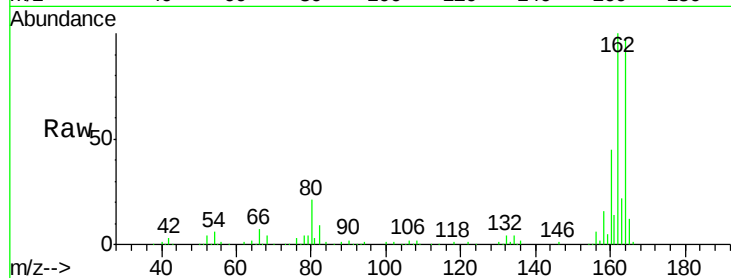




#50
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

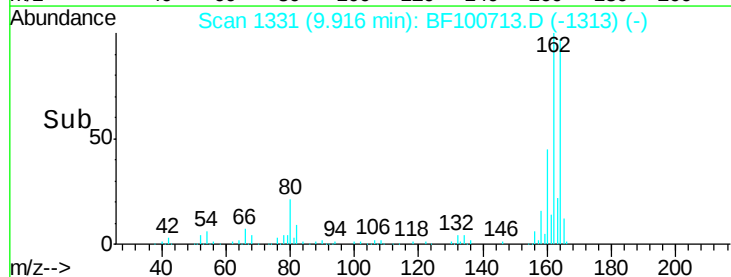
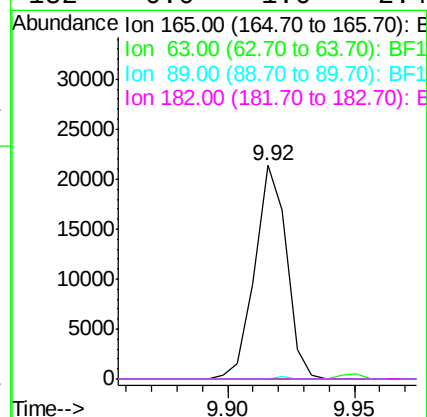
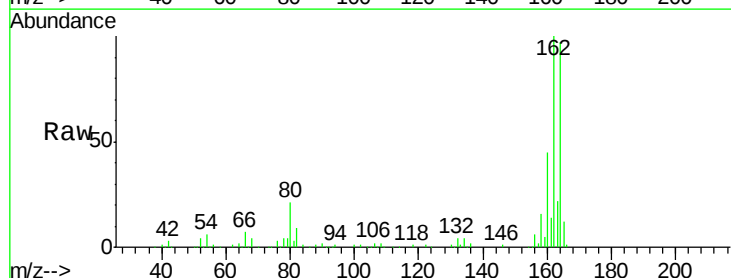
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

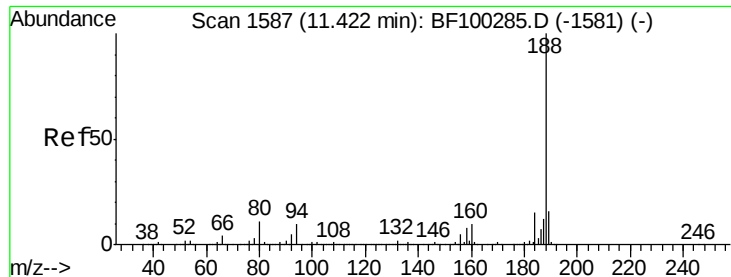
Tgt Ion:165 Resp: 18713
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion:165 Resp: 18713
 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#

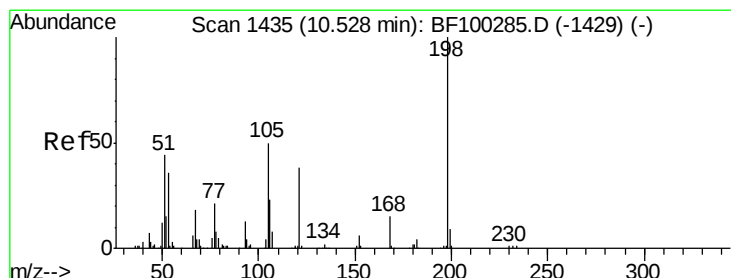
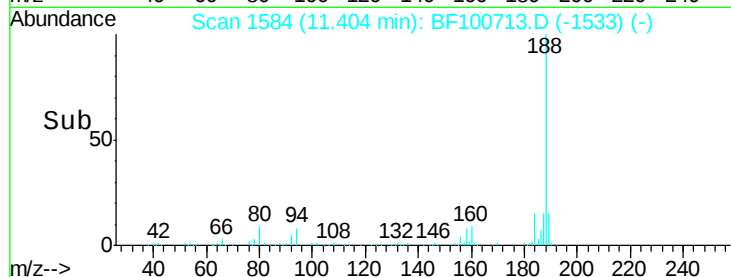
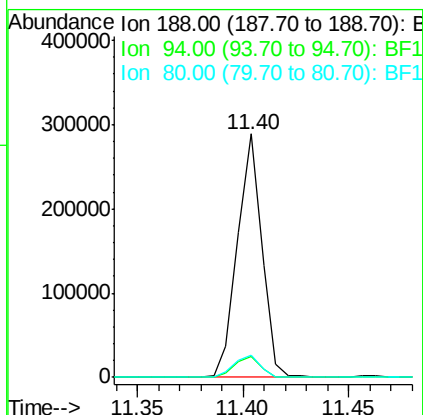
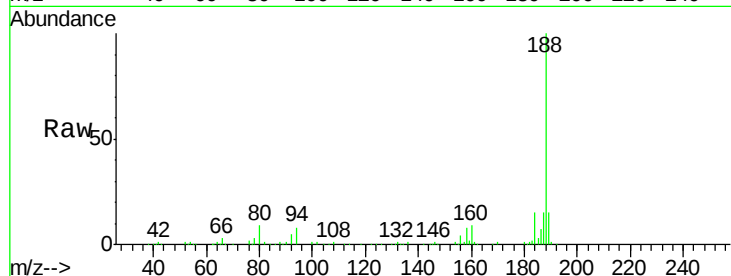




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

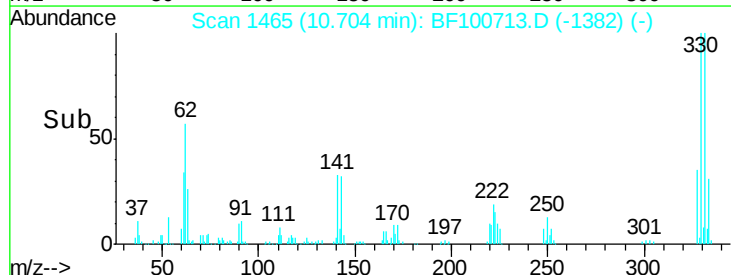
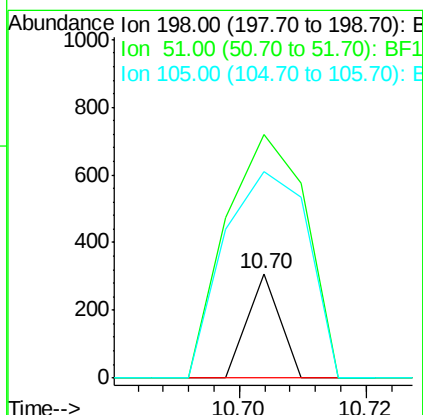
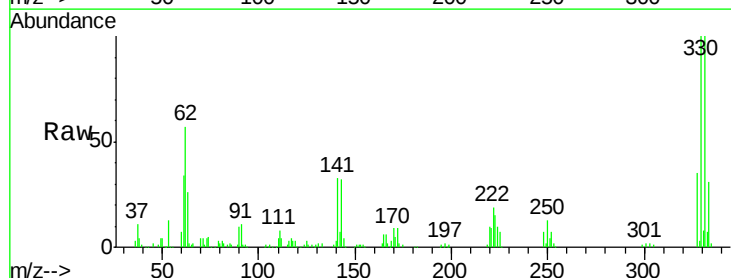
Instrument :
BNA_F
ClientSampleId :
OK-01-111617

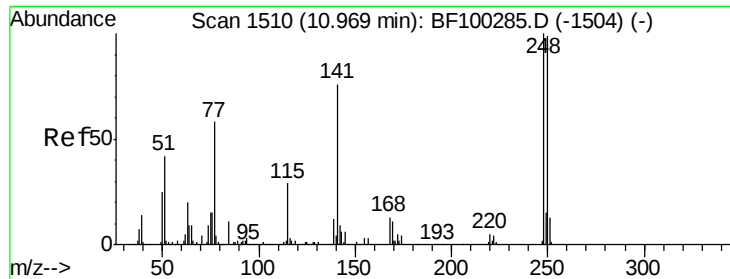
Tgt Ion:188 Resp: 231621
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.1 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.65 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Tgt Ion:198 Resp: 109
Ion Ratio Lower Upper
198 100
51 233.4 37.7 77.7#
105 198.1 36.3 76.3#

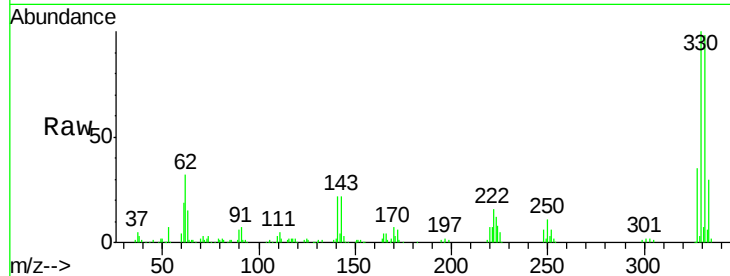




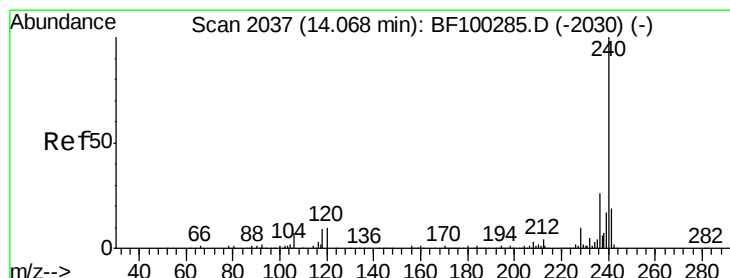
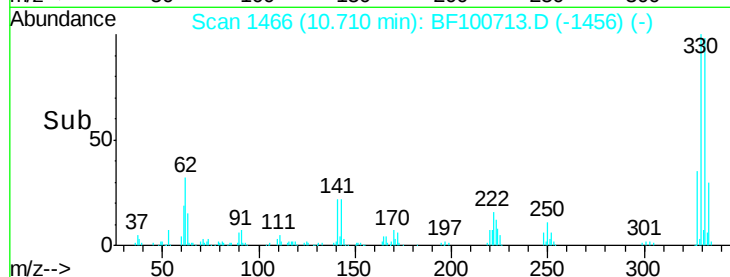
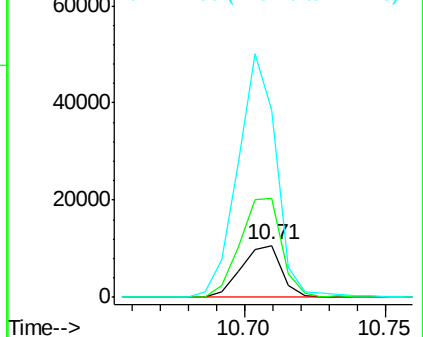
#66
4-Bromophenyl-phenylether
Concen: 4.22 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_F
ClientSampleId :
OK-01-111617

Tgt Ion:248 Resp: 10474
Ion Ratio Lower Upper
248 100
250 191.2 76.9 115.3#
141 363.0 74.4 111.6#

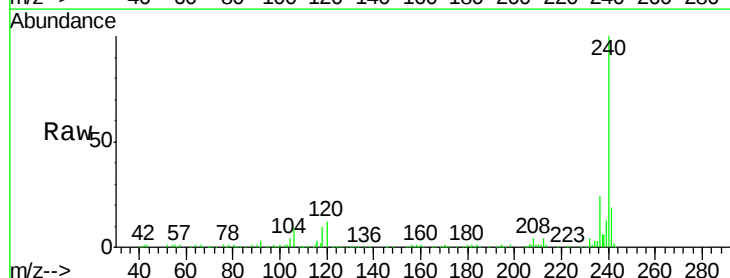


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

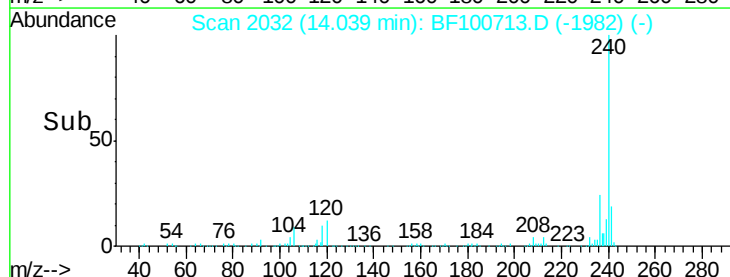
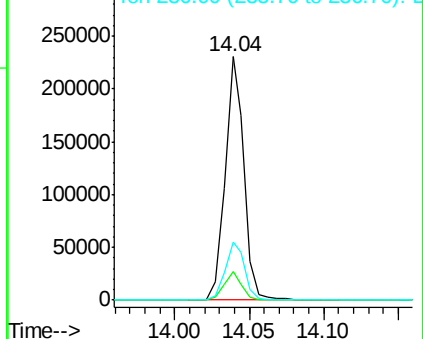


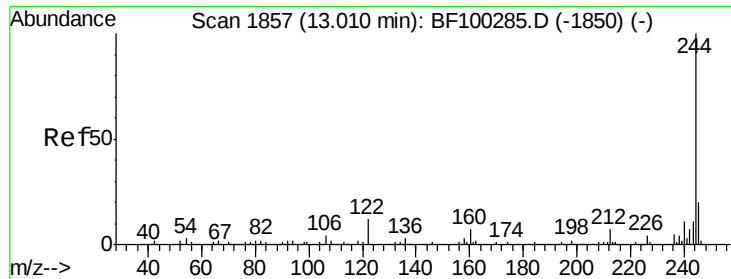
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100713.D
Acq: 18 Nov 2017 10:50

Tgt Ion:240 Resp: 204508
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.0 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

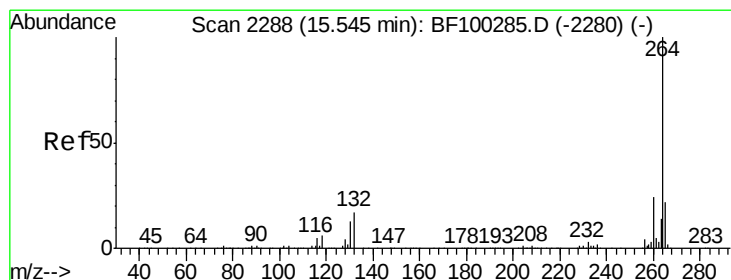
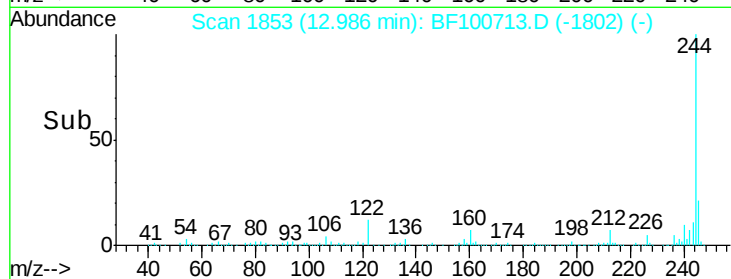
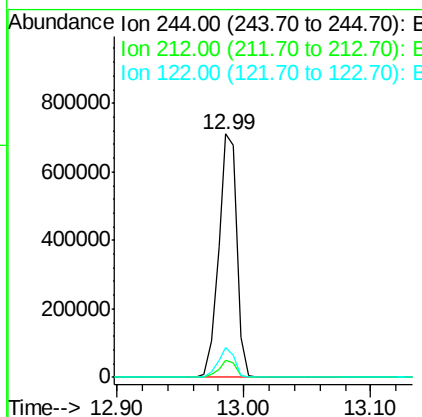
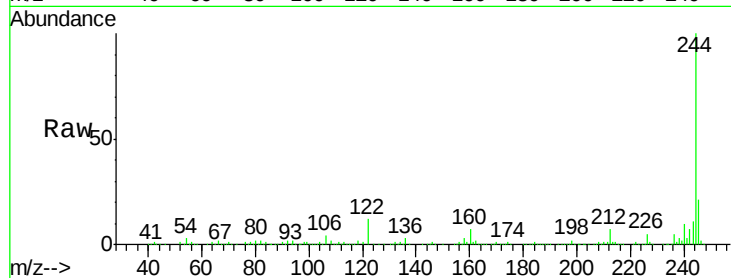




#78
 Terphenyl-d14
 Concen: 80.04 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-111617

Tgt Ion: 244 Resp: 712357
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100713.D
 Acq: 18 Nov 2017 10:50

Tgt Ion: 264 Resp: 163740
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 23.4 17.5 26.3

