

Data File : BF100720.D
Acq On : 18 Nov 2017 13:57
Operator : SJ/JU
Sample : I6521-12
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Quant Time: Nov 20 00:13:32 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	6.88	152	89578	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	356704	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155981	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	263048	20.00	ng	0.00
75) Chrysene-d12	14.04	240	207941	20.00	ng	0.00
86) Perylene-d12	15.52	264	178718	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	590295	105.63	ng	0.02
7) Phenol-d6	6.51	99	609876	88.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	518308	96.07	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	193180	121.54	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	998124	97.44	ng	0.00
78) Terphenyl-d14	12.99	244	803703	88.81	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	13566	2.76	ng	88
19) n-Nitroso-di-n-propylamine	7.45	70	67860	14.20	ng	# 83
25) Isophorone	7.45	82	518299	45.71	ng	# 64
47) 2-Nitroaniline	9.24	65	1539	3.29	ng	# 9
50) 2,6-Dinitrotoluene	9.92	165	19399	8.23	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	19399	6.52	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	118	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	11395	4.04	ng	# 1

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

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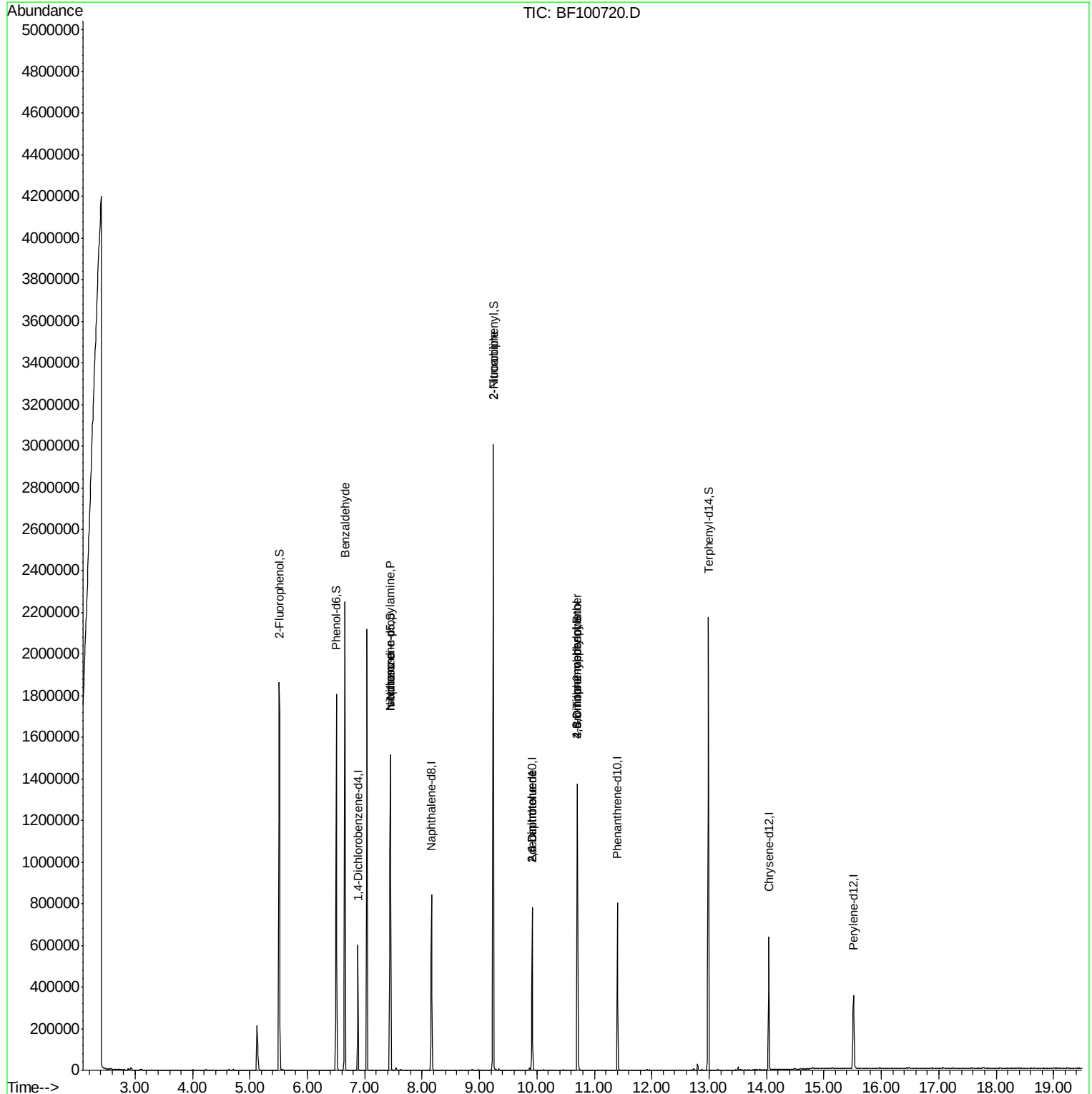
Quant Time: Nov 20 00:13:32 2017

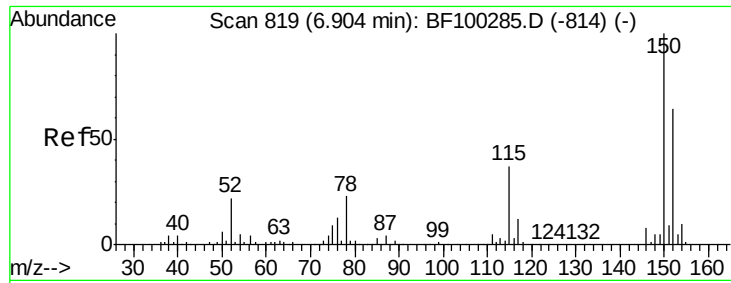
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 15:22:08 2017

Response via : Initial Calibration

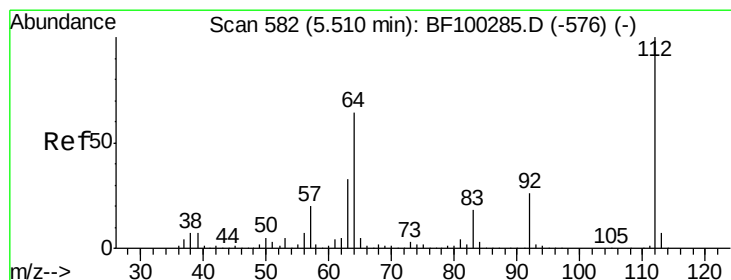
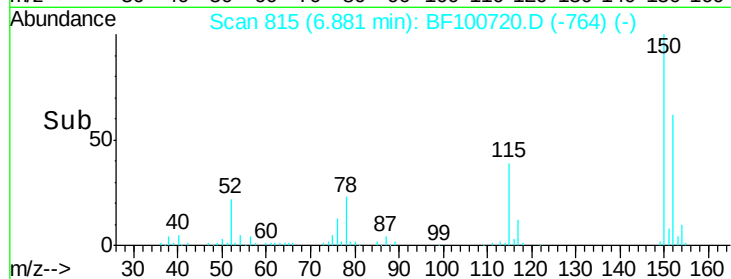
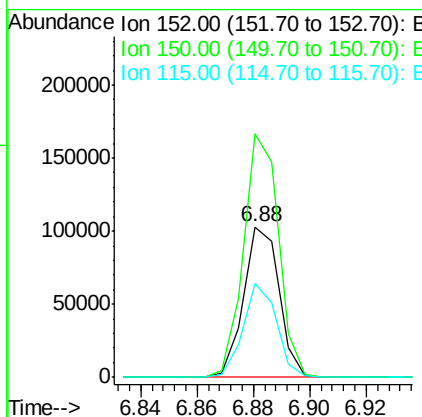
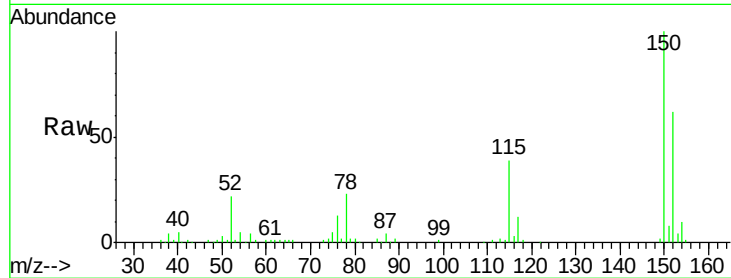




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

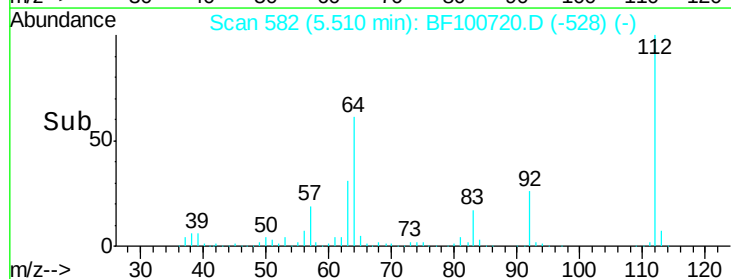
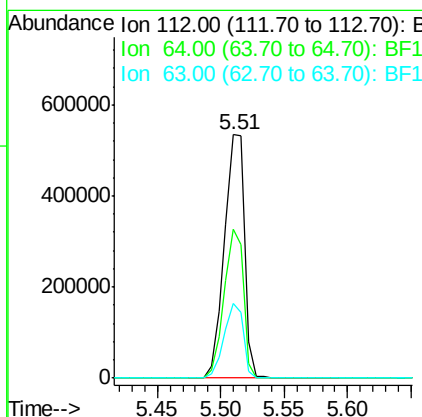
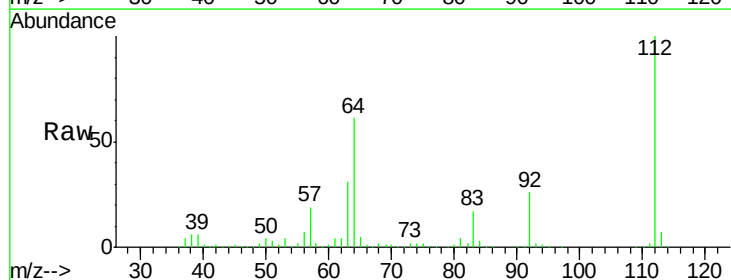
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(0-5)

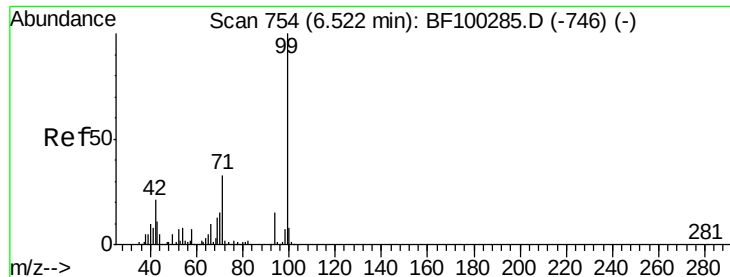
Tgt Ion:152 Resp: 89578
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.6 186.8
 115 62.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 105.63 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Tgt Ion:112 Resp: 590295
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.9 71.9
 63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 88.50 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

Instrument :

BNA_F

ClientSampleId :

TP-2-(0-5)

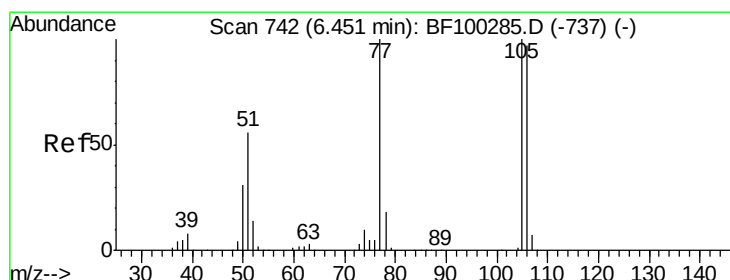
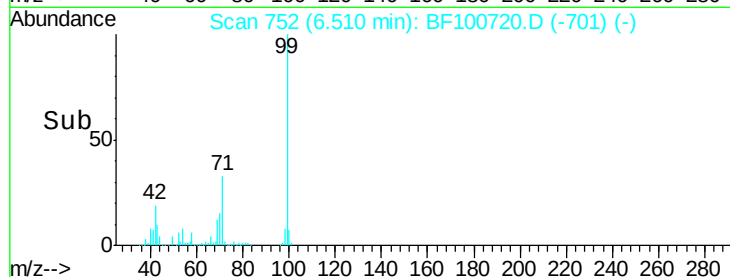
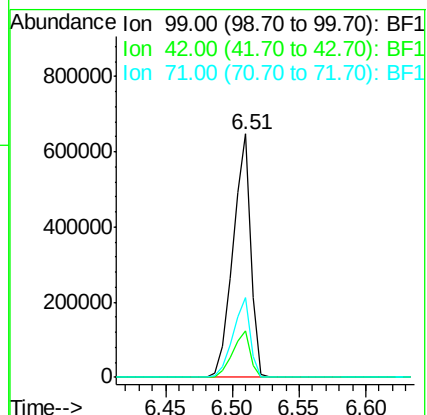
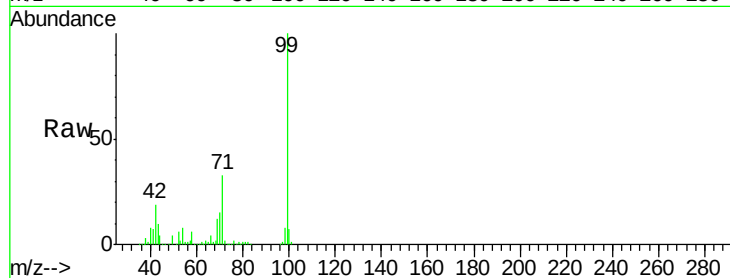
Tgt Ion: 99 Resp: 609876

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.0 25.4 38.0



#9

Benzaldehyde

Concen: 2.76 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100720.D

Acq: 18 Nov 2017 13:57

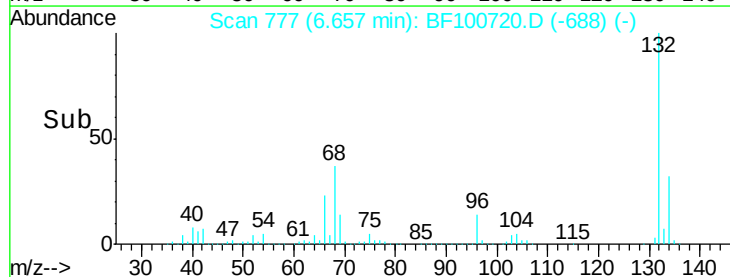
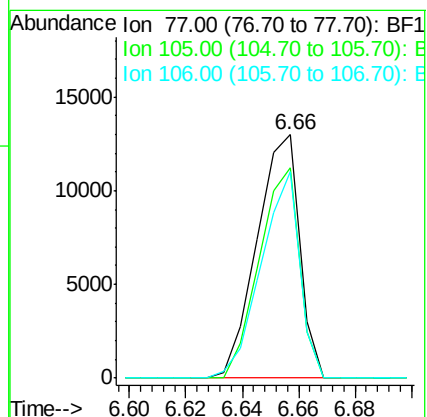
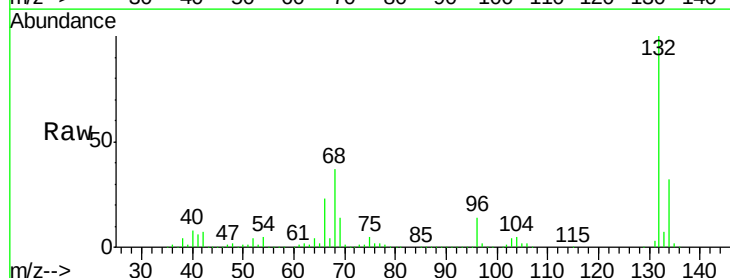
Tgt Ion: 77 Resp: 13566

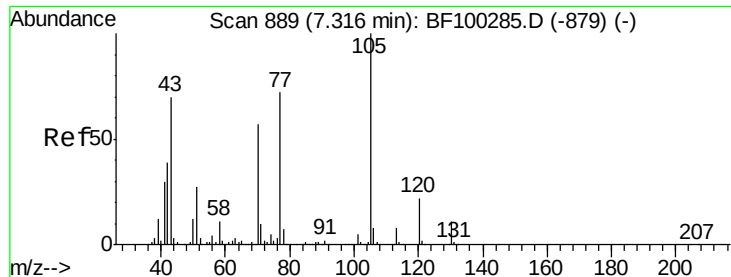
Ion Ratio Lower Upper

77 100

105 86.7 81.1 121.1

106 84.6 74.5 114.5

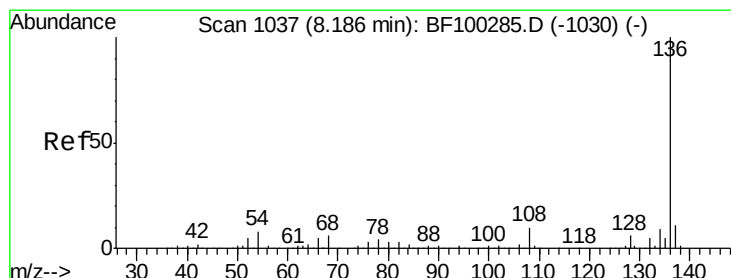
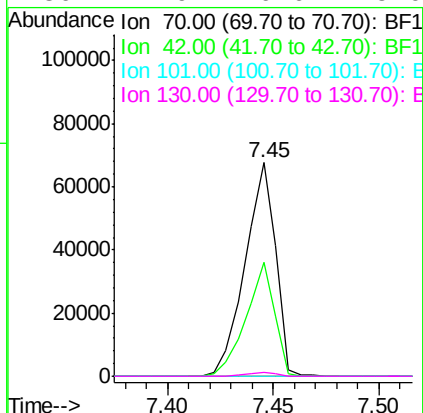
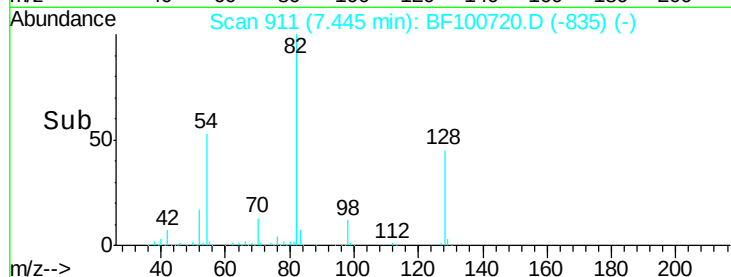
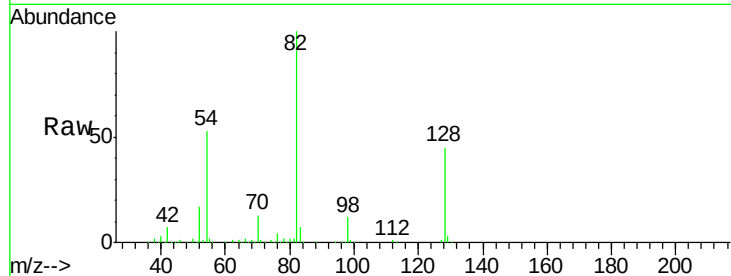




#19
n-Nitroso-di-n-propylamine
Concen: 14.20 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

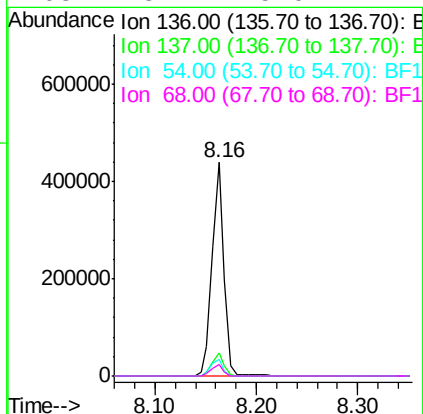
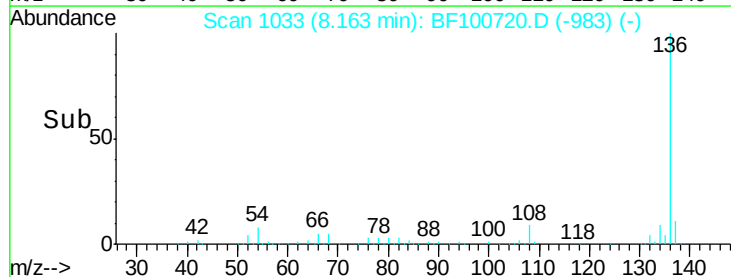
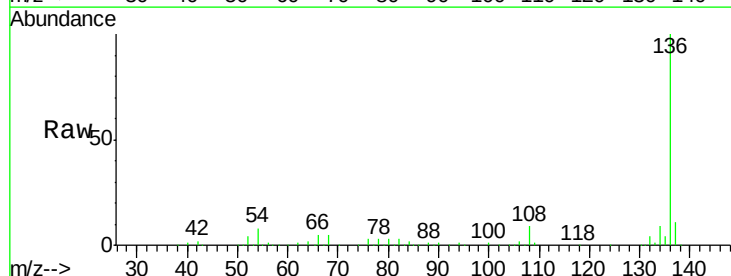
Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

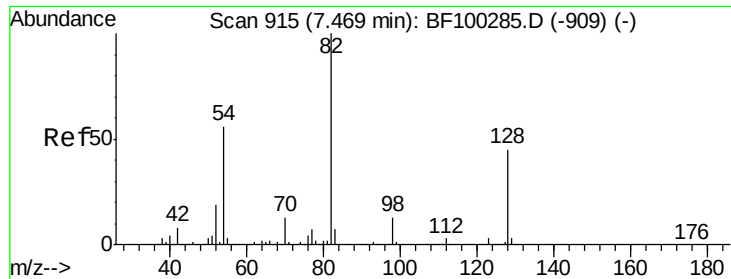
Tgt Ion: 70 Resp: 67860
Ion Ratio Lower Upper
70 100
42 53.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Tgt Ion: 136 Resp: 356704
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.6 9.8
68 5.4 5.0 7.4

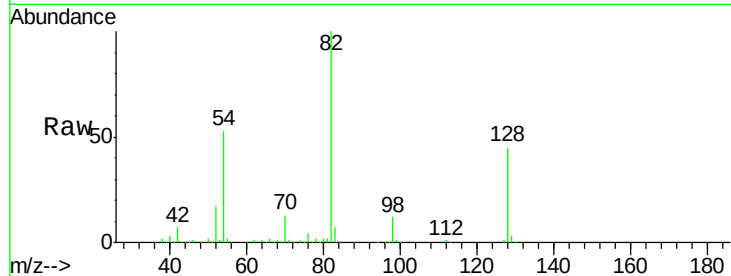




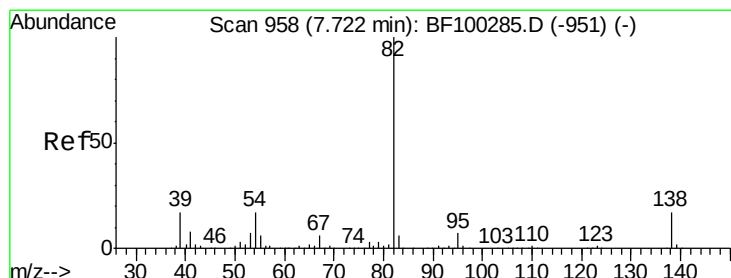
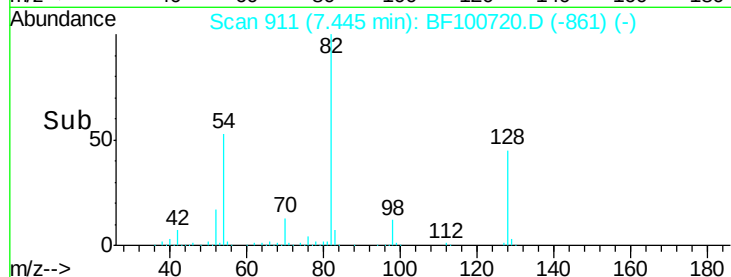
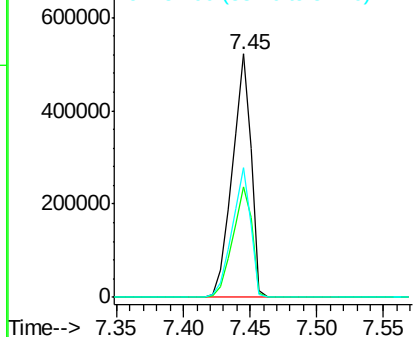
#23
Nitrobenzene-d5
Concen: 96.07 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	53.0	41.4	62.2

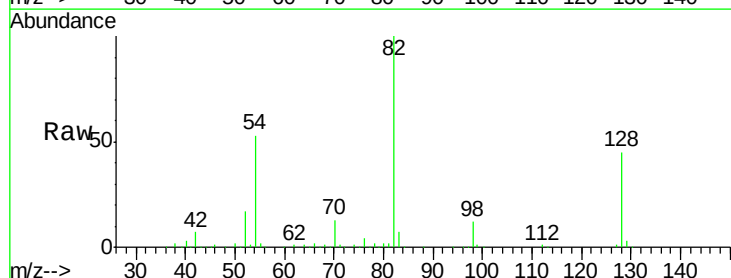


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

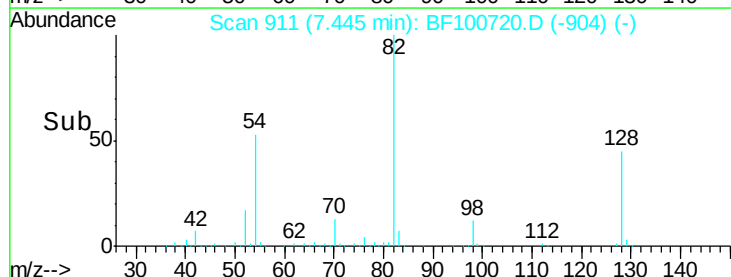
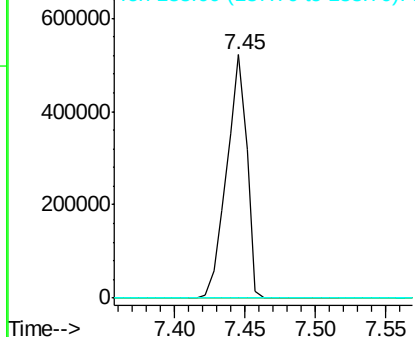


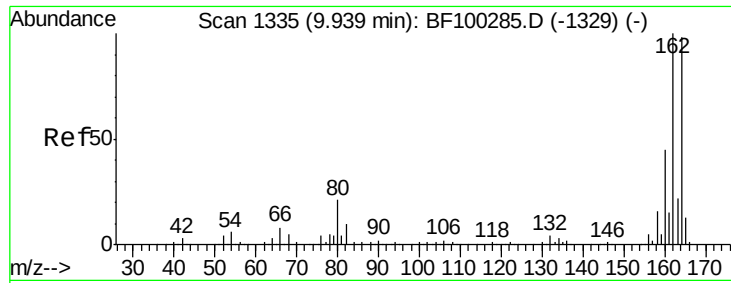
#25
Isophorone
Concen: 45.71 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Tgt 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

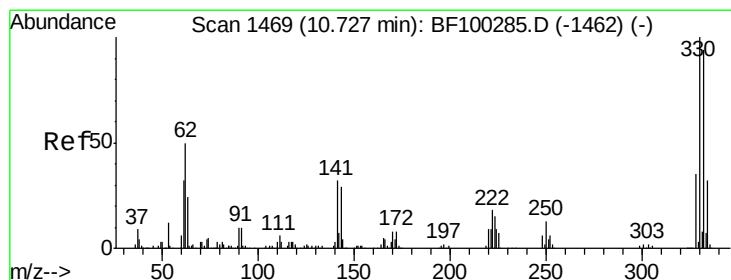
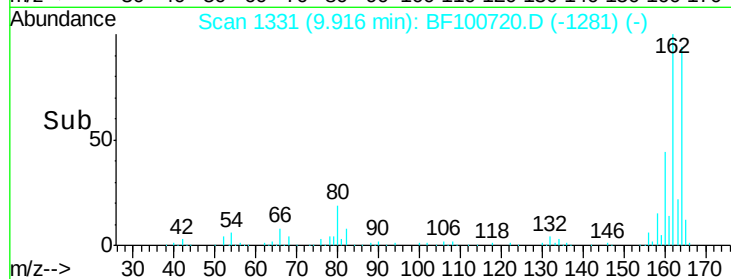
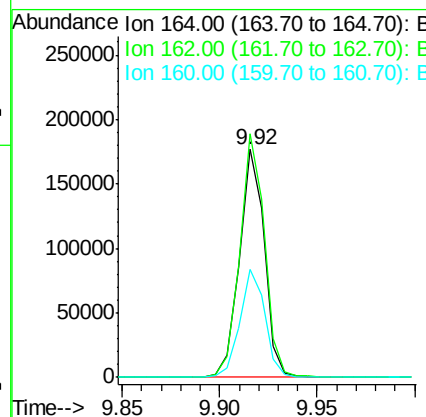
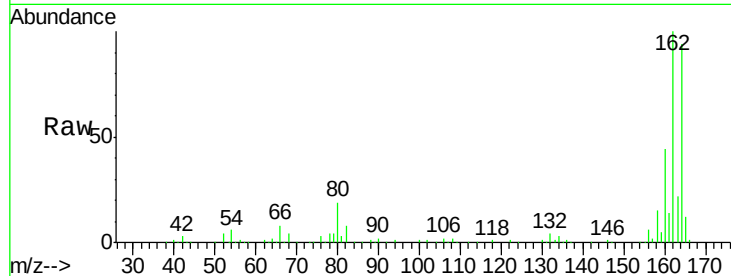




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

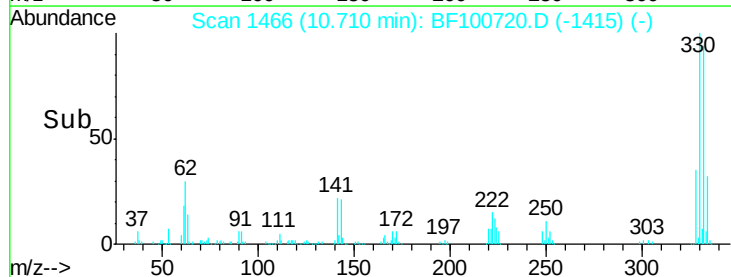
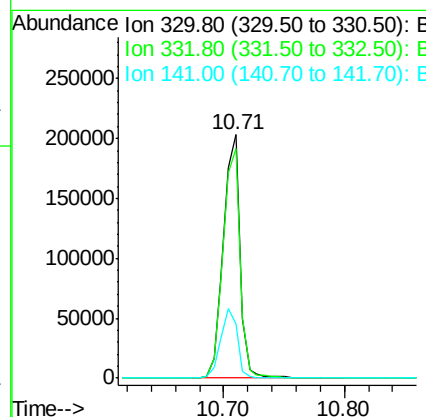
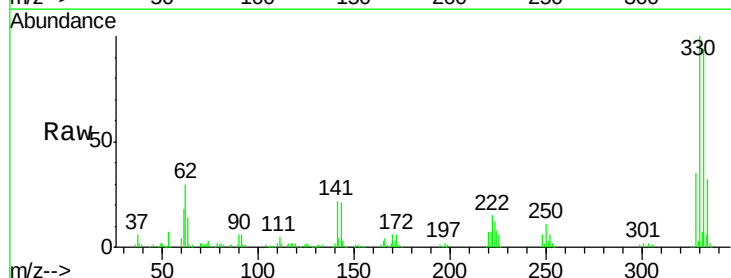
Instrument :
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 ClientSampleId :
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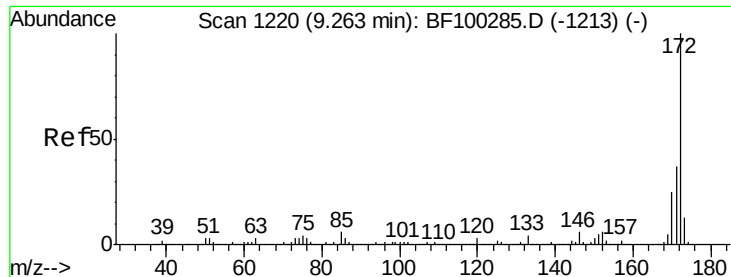
Tgt Ion:164 Resp: 155981
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 121.54 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Tgt Ion:330 Resp: 193180
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 28.4 29.9 44.9#

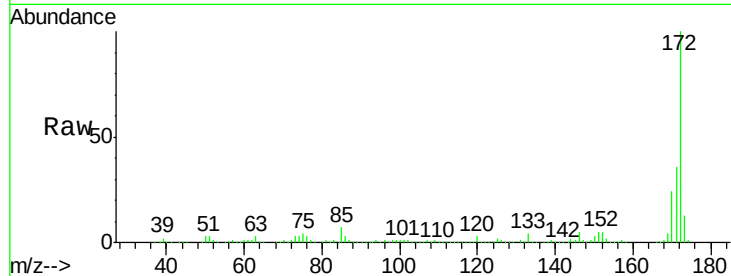




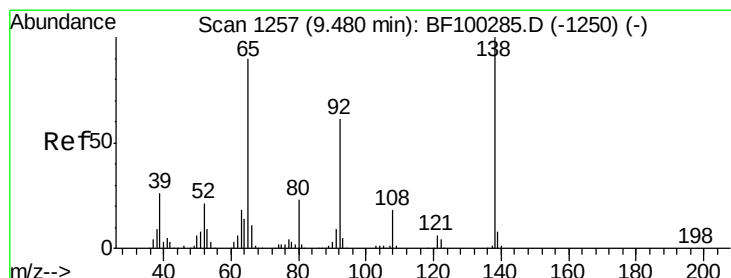
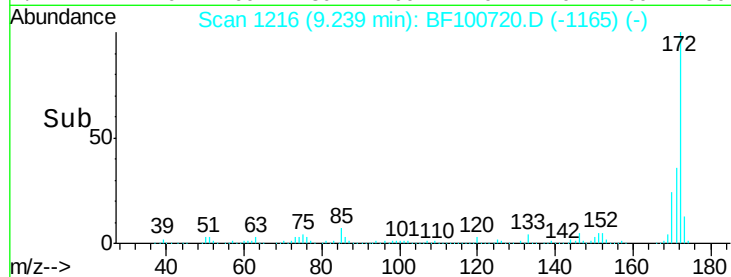
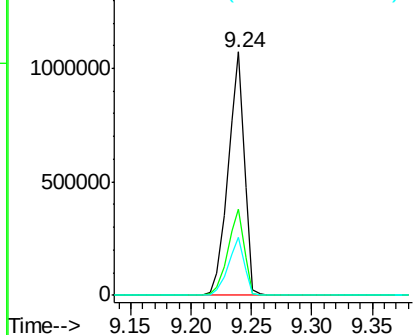
#44
2-Fluorobiphenyl
Concen: 97.44 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion: 172 Resp: 998124
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4

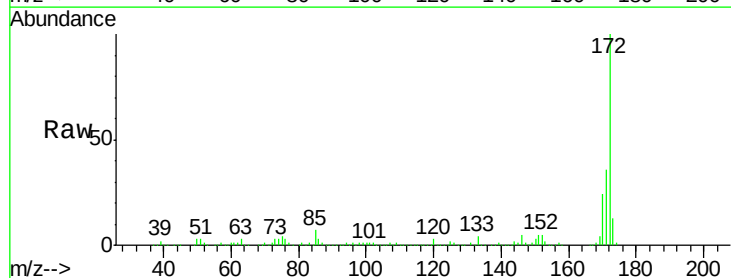


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

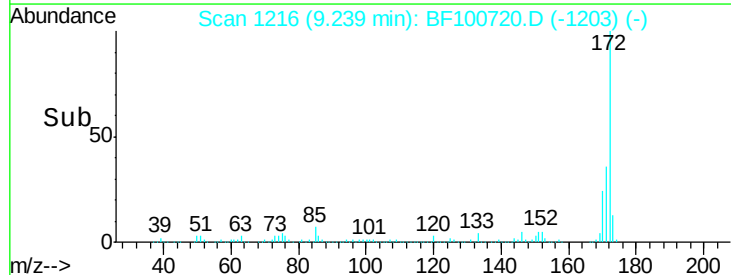
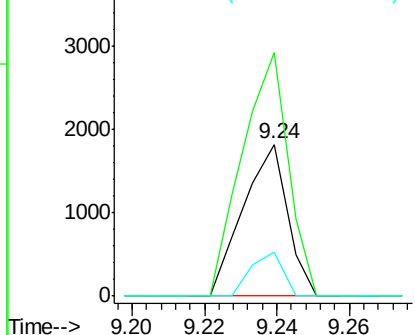


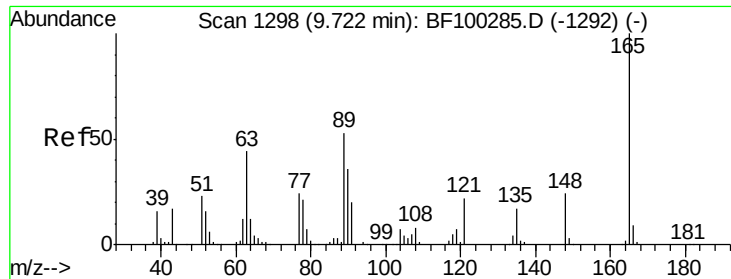
#47
2-Nitroaniline
Concen: 3.29 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Tgt Ion: 65 Resp: 1539
Ion Ratio Lower Upper
65 100
92 160.4 55.8 83.6#
138 28.9 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

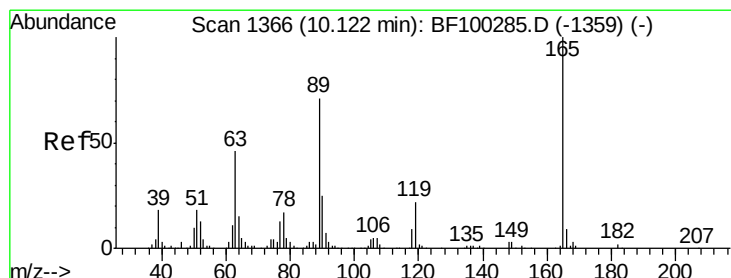
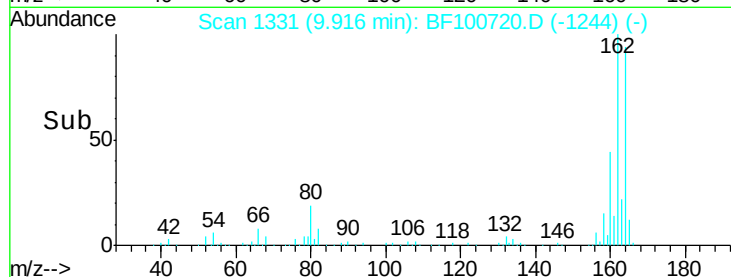
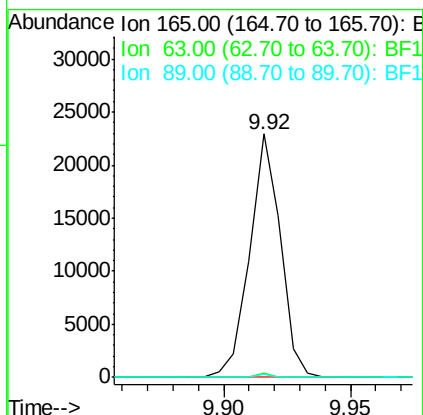
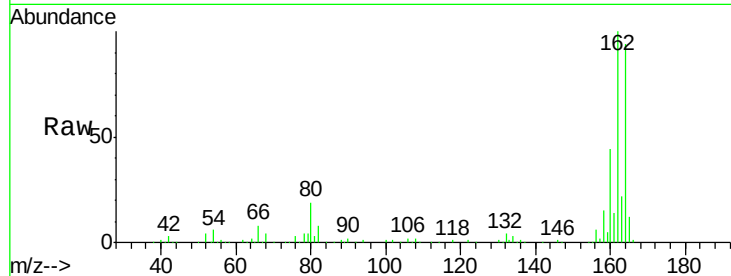




#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

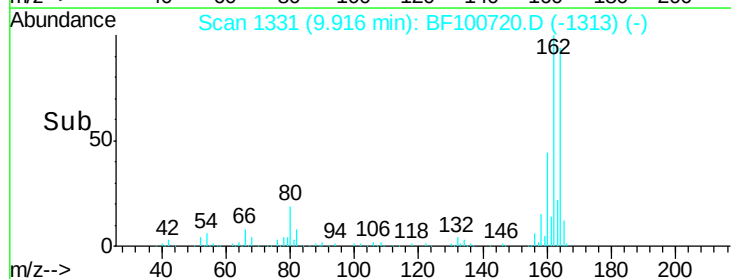
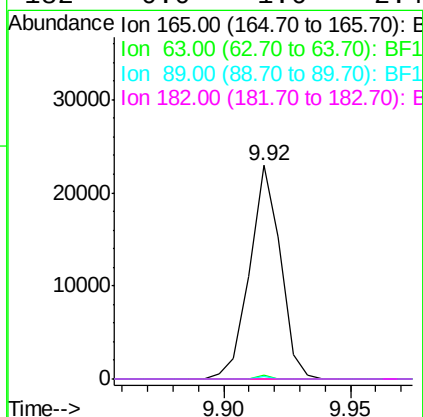
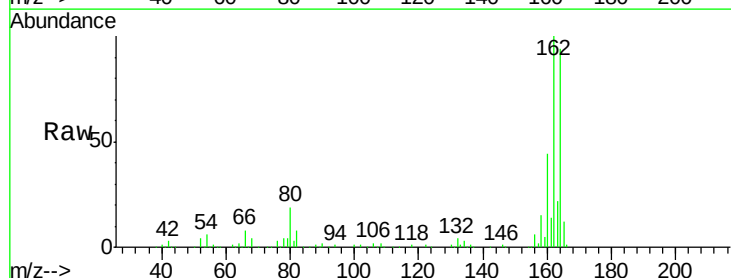
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(0-5)

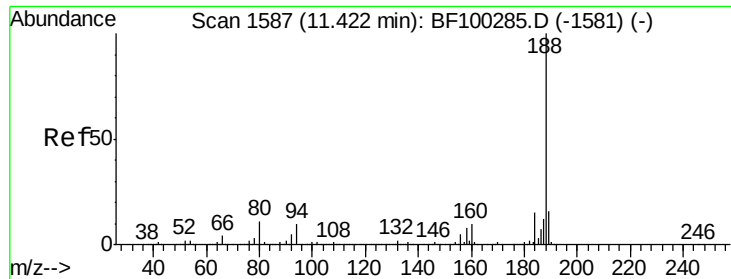
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

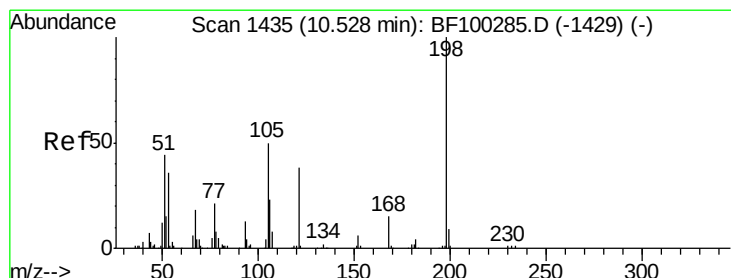
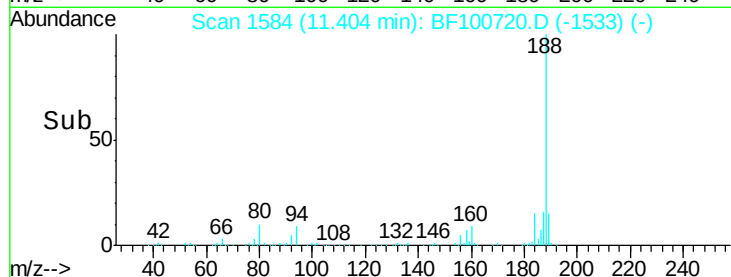
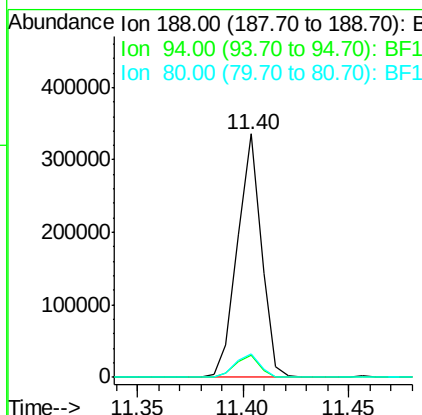
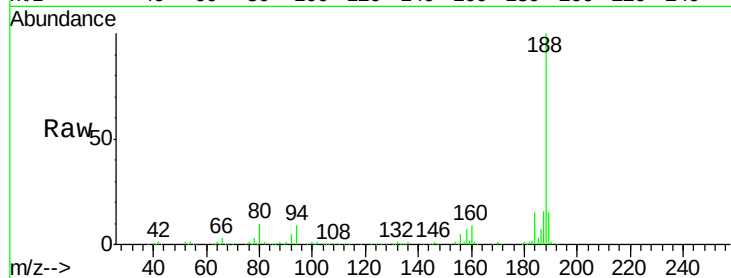




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

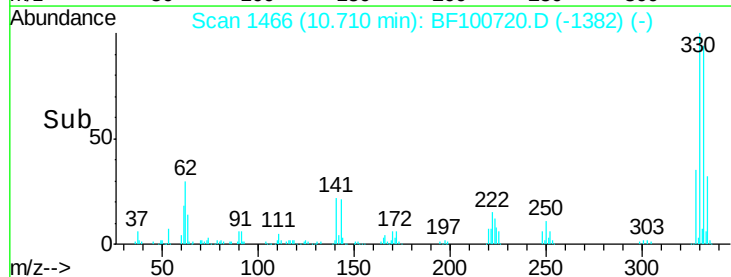
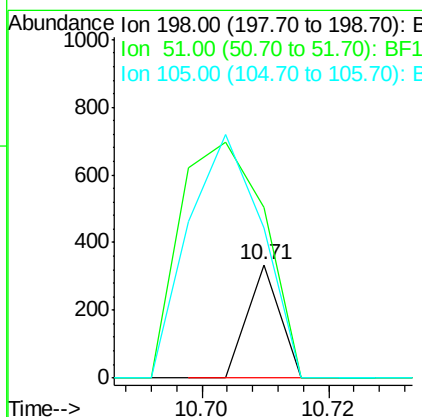
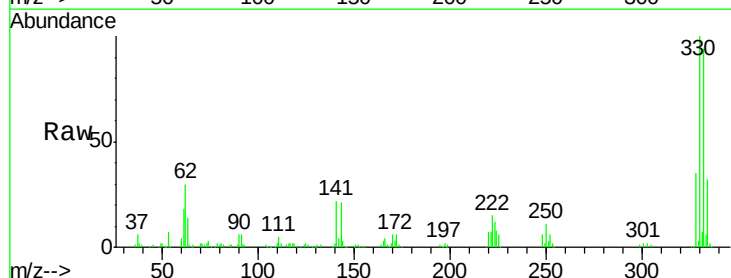
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(0-5)

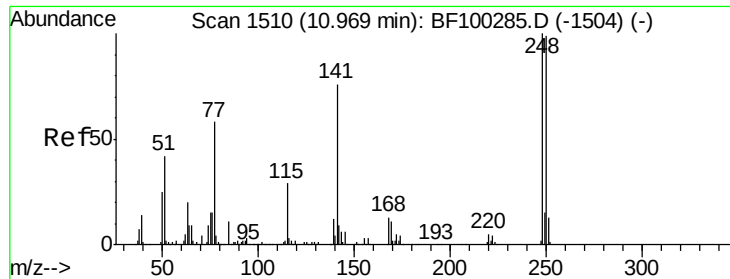
Tgt Ion:188 Resp: 263048
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.64 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Tgt Ion:198 Resp: 118
 Ion Ratio Lower Upper
 198 100
 51 150.4 37.7 77.7#
 105 132.8 36.3 76.3#

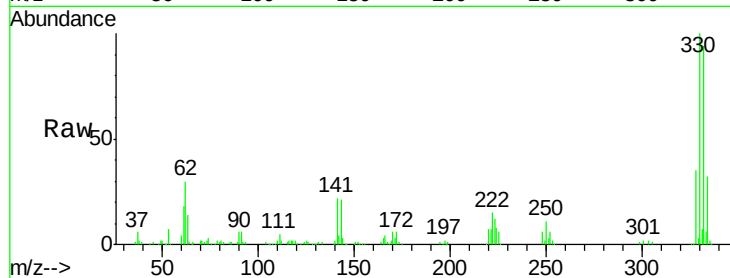




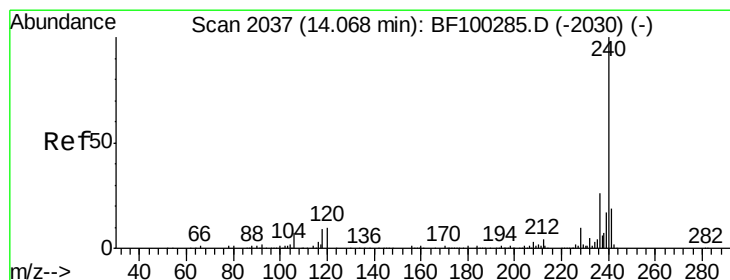
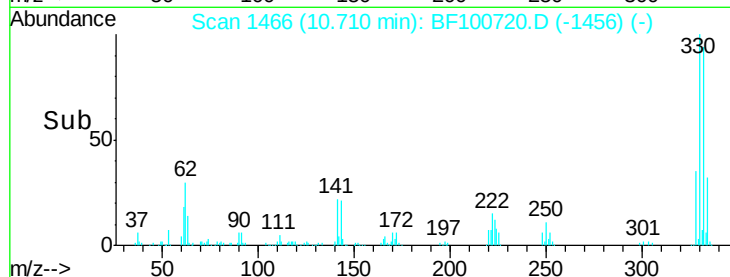
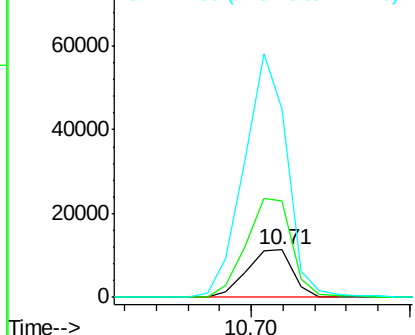
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Instrument :
BNA_F
ClientSampleId :
TP-2-(0-5)

Tgt Ion:248 Resp: 11395
Ion Ratio Lower Upper
248 100
250 202.3 76.9 115.3#
141 397.4 74.4 111.6#

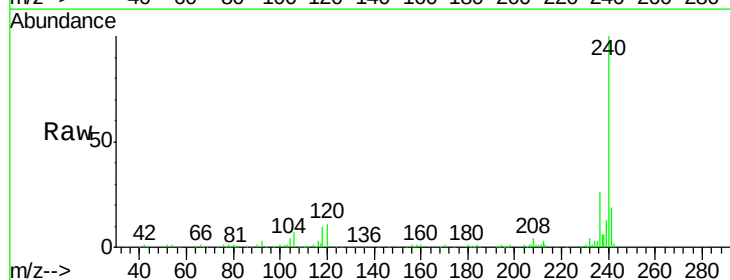


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

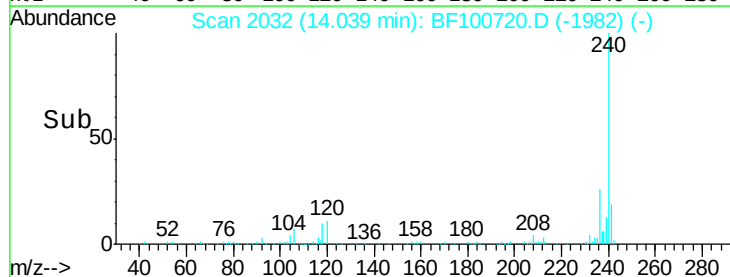
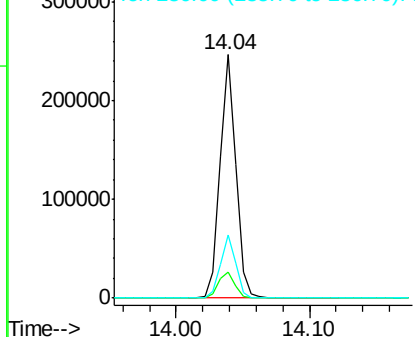


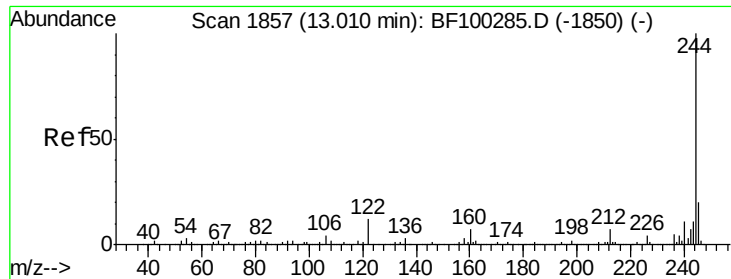
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100720.D
Acq: 18 Nov 2017 13:57

Tgt Ion:240 Resp: 207941
Ion Ratio Lower Upper
240 100
120 10.6 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

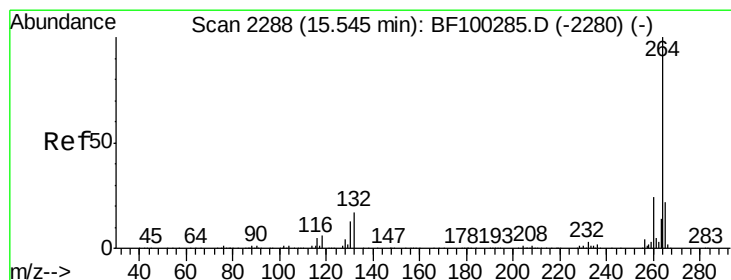
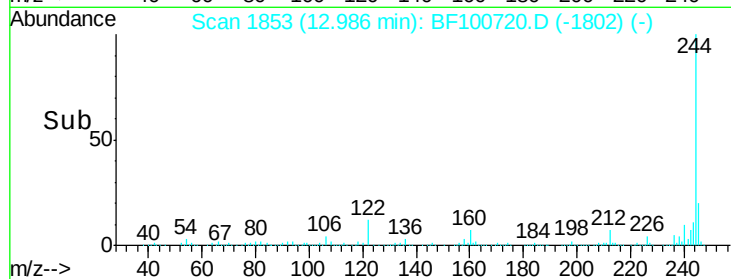
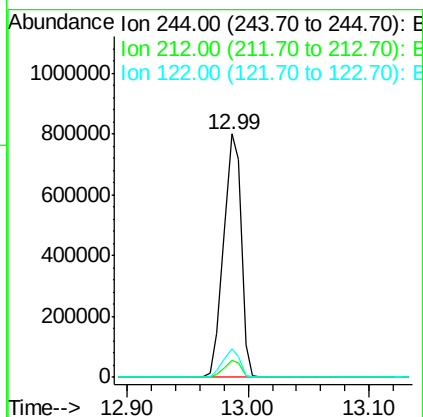
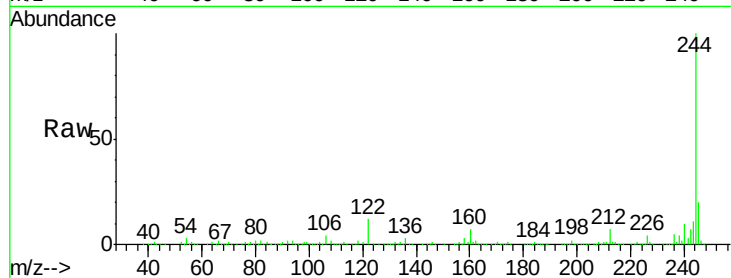




#78
 Terphenyl-d14
 Concen: 88.81 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100720.D
 Acq: 18 Nov 2017 13:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-(0-5)

Tgt Ion: 244 Resp: 803703
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.9 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: BF100720.D
 Acq: 18 Nov 2017 13:57

Tgt Ion: 264 Resp: 178718
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 17.5 26.3

