

Data File : BF100718.D
Acq On : 18 Nov 2017 13:04
Operator : SJ/JU
Sample : I6304-21
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Quant Time: Nov 20 00:13:06 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	100038	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	387756	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	165311	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	276410	20.00	ng	0.00
75) Chrysene-d12	14.04	240	213621	20.00	ng	0.00
86) Perylene-d12	15.52	264	185242	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	639156	102.42	ng	0.02
7) Phenol-d6	6.51	99	679569	88.31	ng	0.00
23) Nitrobenzene-d5	7.45	82	567106	96.69	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	205855	122.20	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1083324	99.79	ng	0.00
78) Terphenyl-d14	12.99	244	858789	92.37	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	14784	2.69	ng	86
19) n-Nitroso-di-n-propylamine	7.45	70	73642	13.80	ng	# 80
25) Isophorone	7.45	82	567101	46.01	ng	# 64
47) 2-Nitroaniline	9.24	65	1638	3.29	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	21543	8.62	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	21543	6.84	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	271	8.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	12295	4.15	ng	# 1

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

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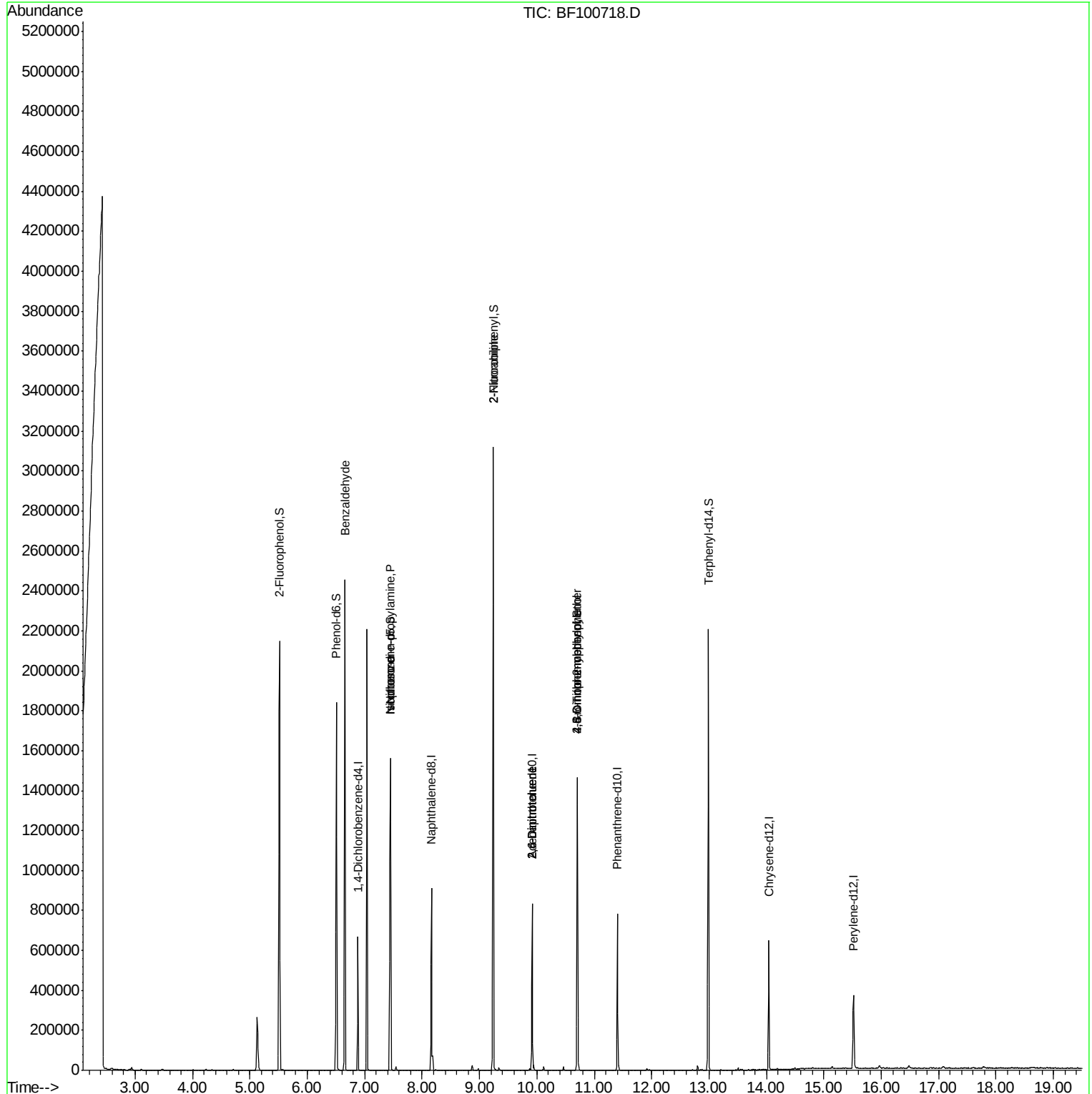
Quant Time: Nov 20 00:13:06 2017

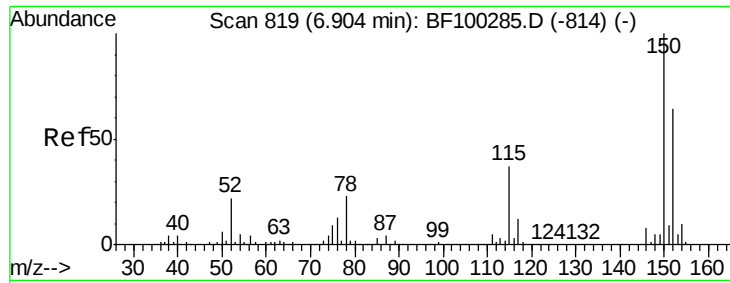
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



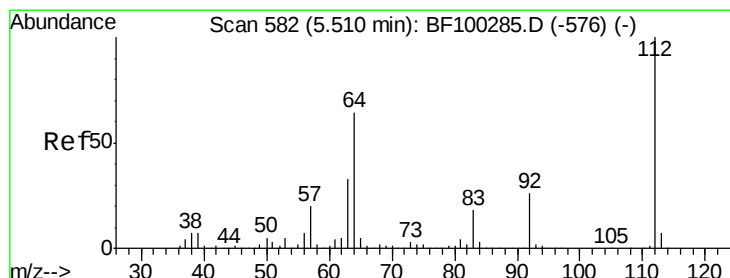
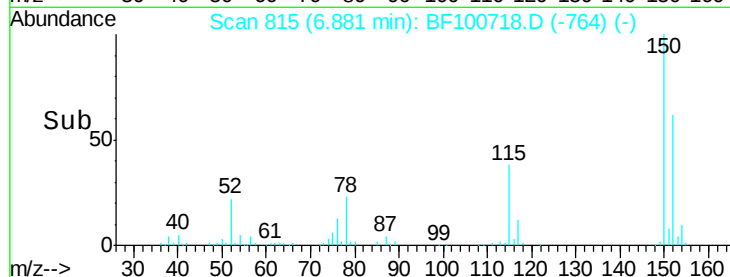
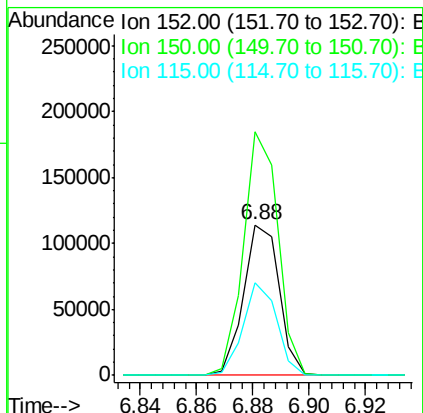
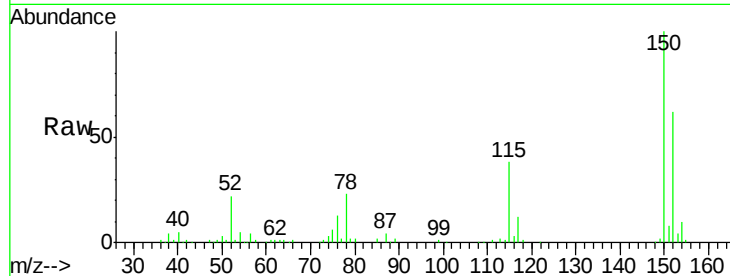


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

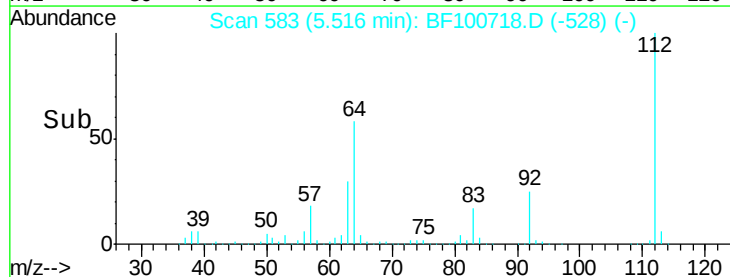
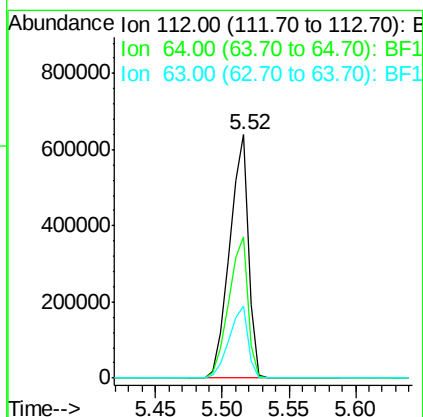
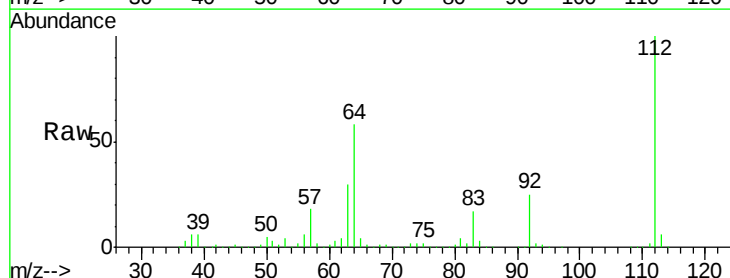
Tgt Ion:152 Resp: 100038
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 61.3 50.1 75.1



#5

2-Fluorophenol
Concen: 102.42 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

Tgt Ion:112 Resp: 639156
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 88.31 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100718.D

Acq: 18 Nov 2017 13:04

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-E

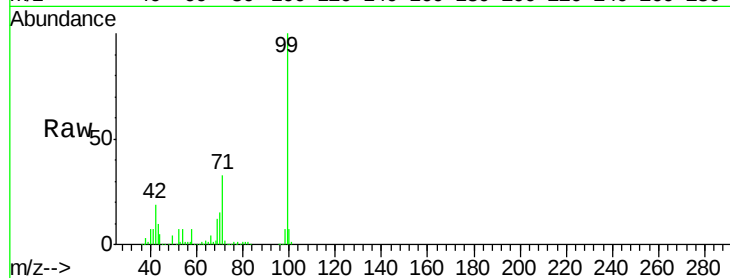
Tgt Ion: 99 Resp: 679569

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

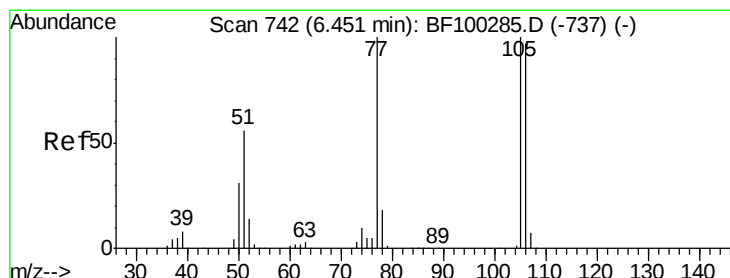
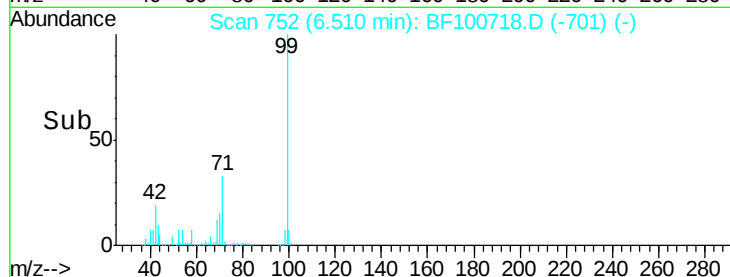
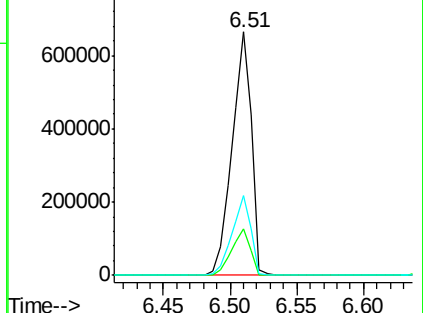
71 32.6 25.4 38.0



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: 2.69 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100718.D

Acq: 18 Nov 2017 13:04

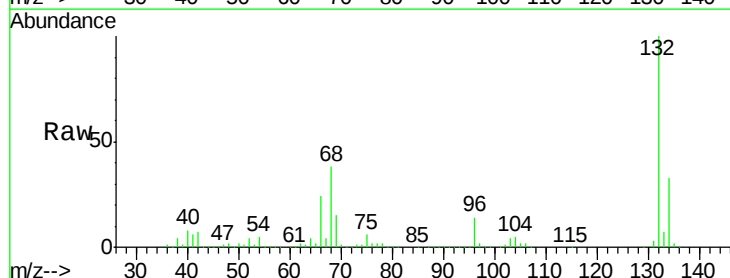
Tgt Ion: 77 Resp: 14784

Ion Ratio Lower Upper

77 100

105 82.9 81.1 121.1

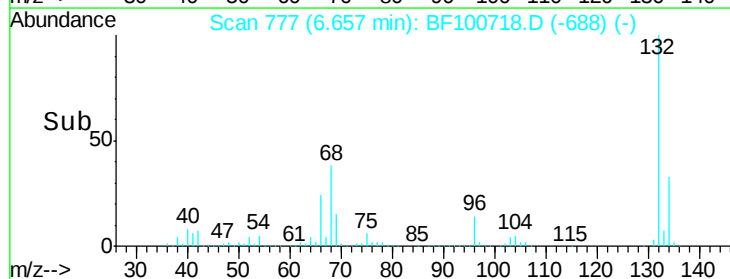
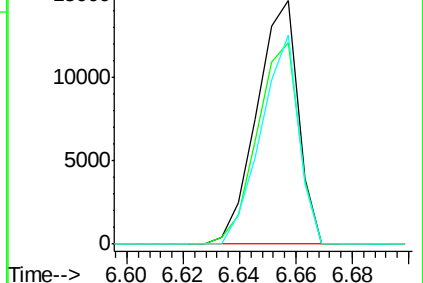
106 85.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 13.80 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100718.D

Acq: 18 Nov 2017 13:04

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-E

Tgt Ion: 70 Resp: 73642

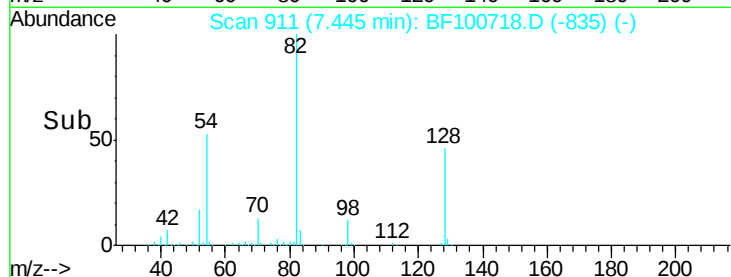
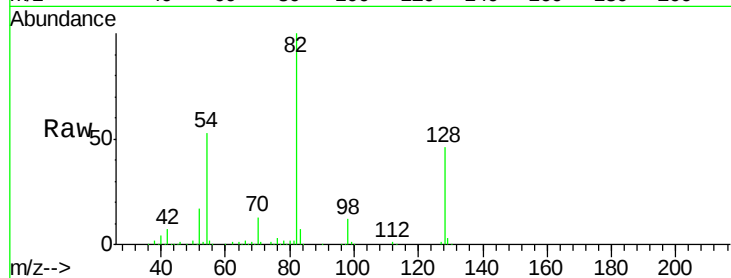
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

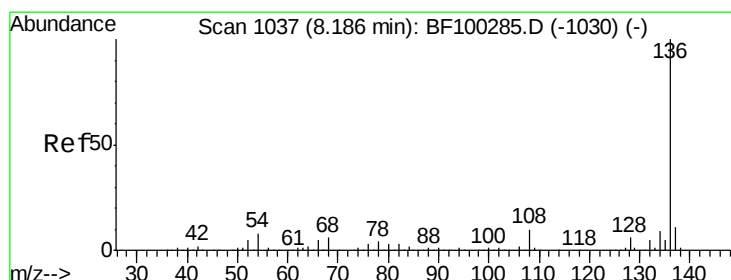
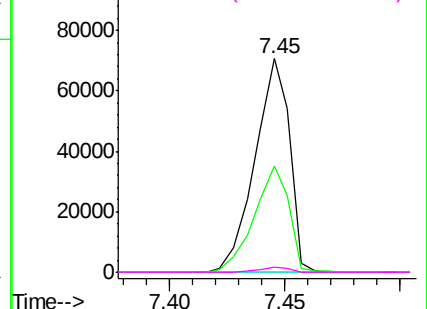


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100718.D

Acq: 18 Nov 2017 13:04

Tgt Ion: 136 Resp: 387756

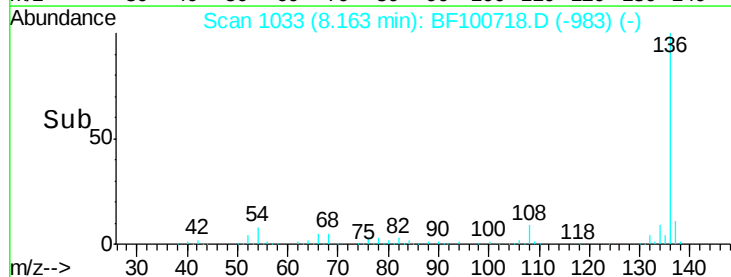
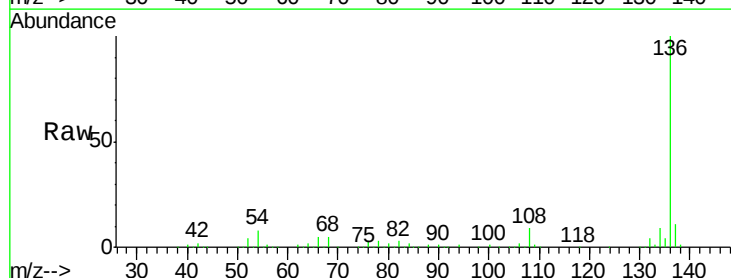
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.0 6.6 9.8

68 5.3 5.0 7.4

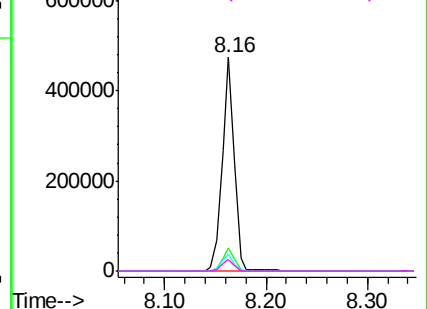


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

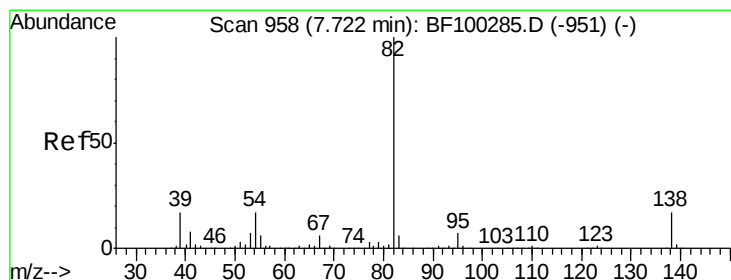
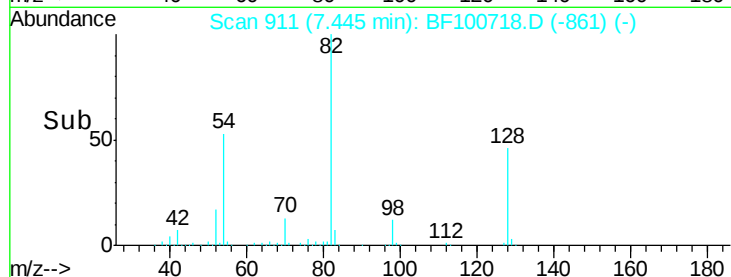
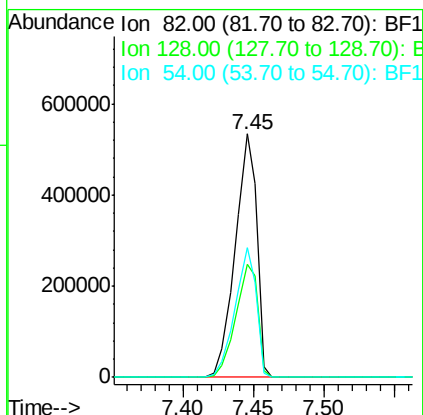
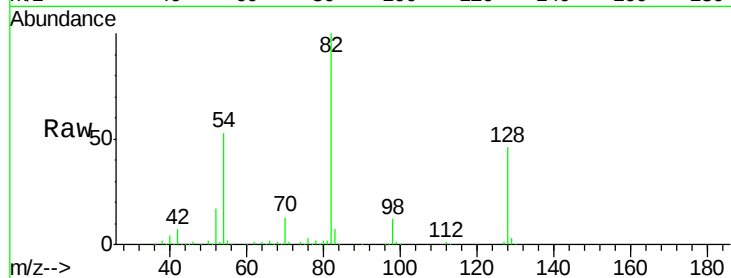




#23
 Nitrobenzene-d5
 Concen: 96.69 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

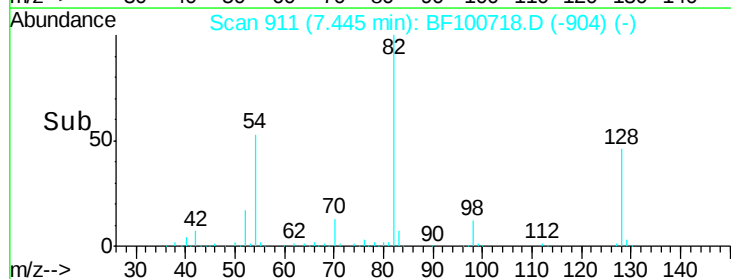
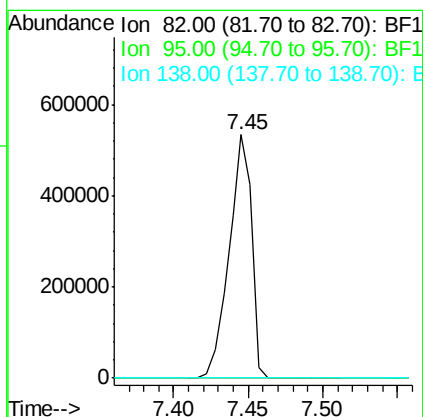
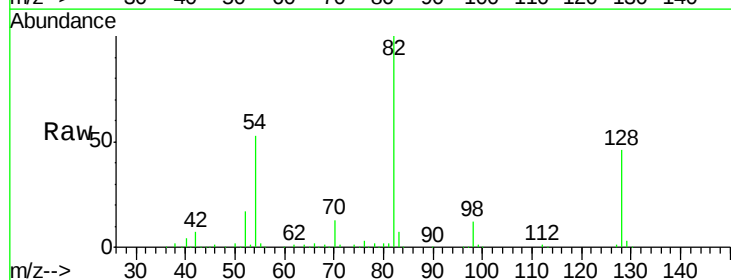
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-E

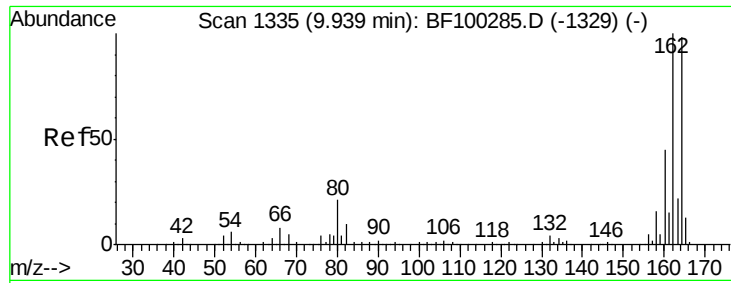
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.1	41.4	62.2



#25
 Isophorone
 Concen: 46.01 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

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

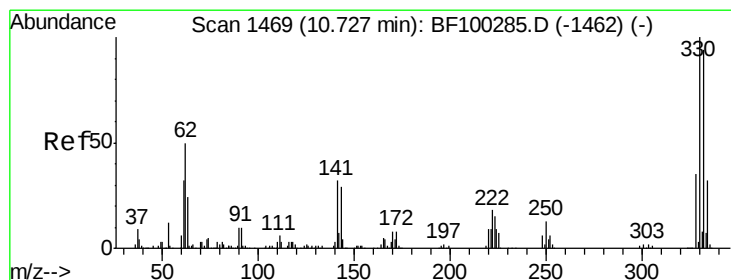
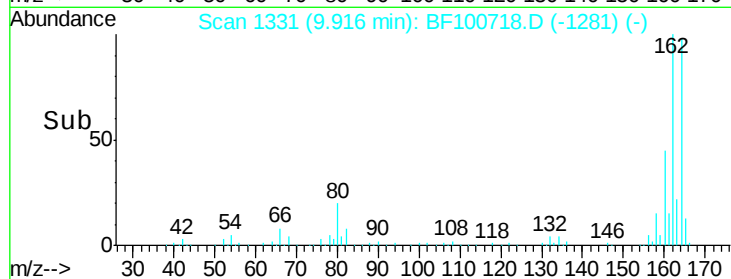
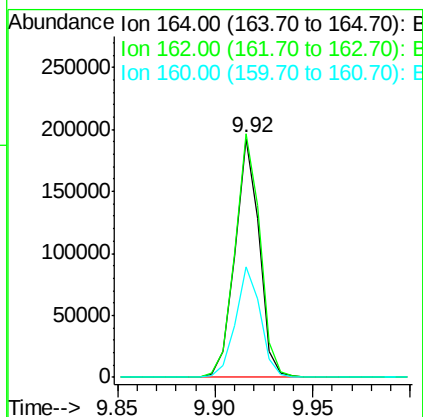
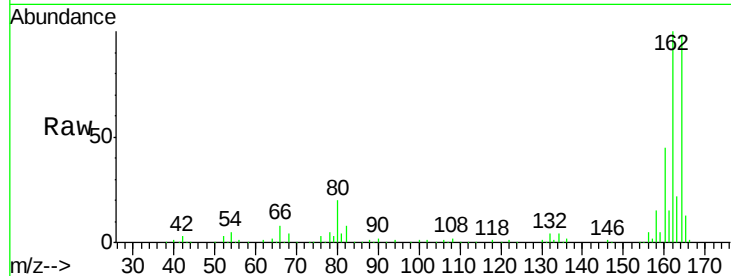




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

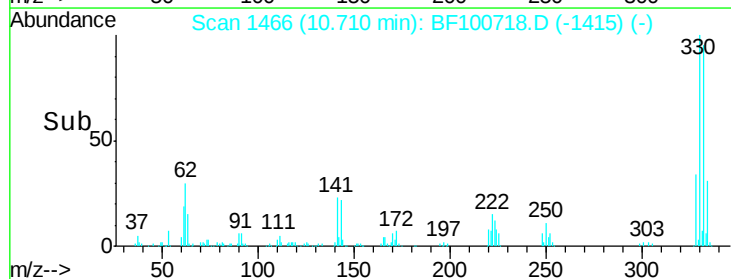
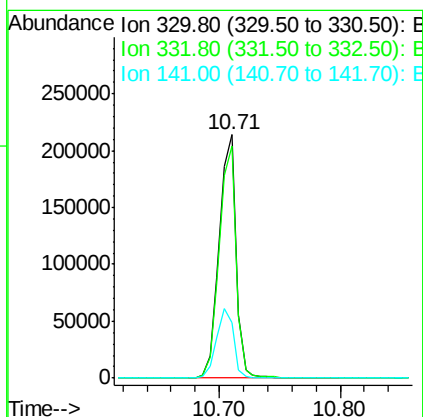
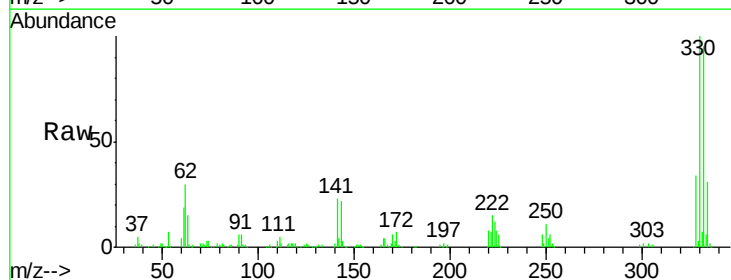
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-E

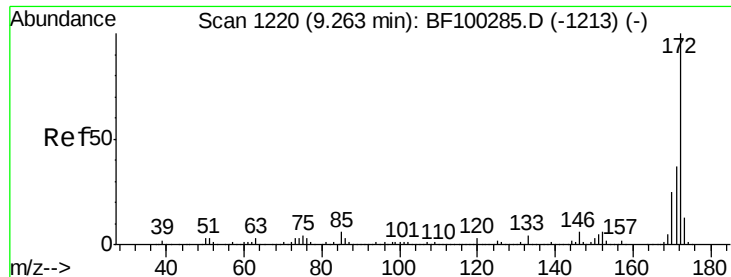
Tgt Ion:164 Resp: 165311
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 122.20 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

Tgt Ion:330 Resp: 205855
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 28.8 29.9 44.9#

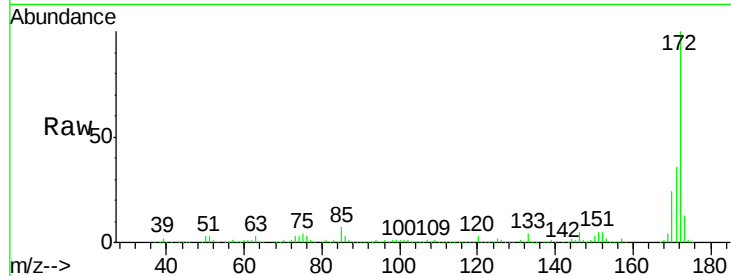




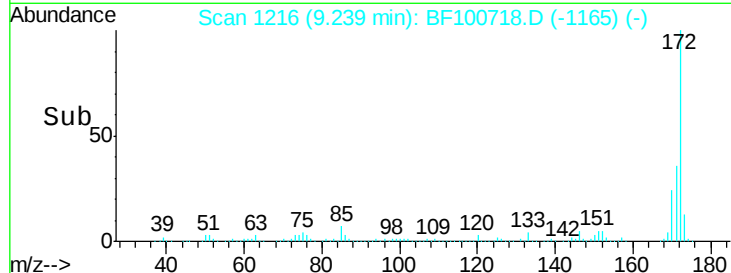
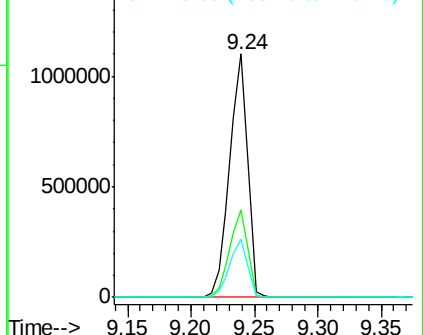
#44
 2-Fluorobiphenyl
 Concen: 99.79 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-E

Tgt Ion: 172 Resp: 1083324
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.0 19.6 29.4

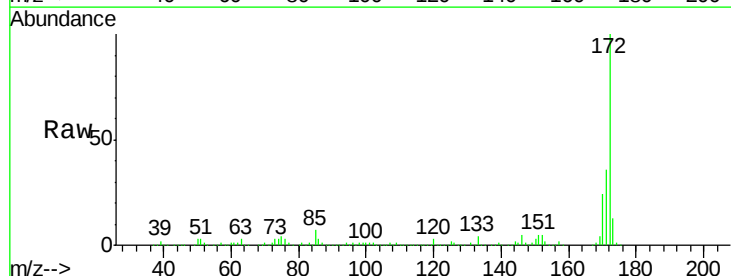


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

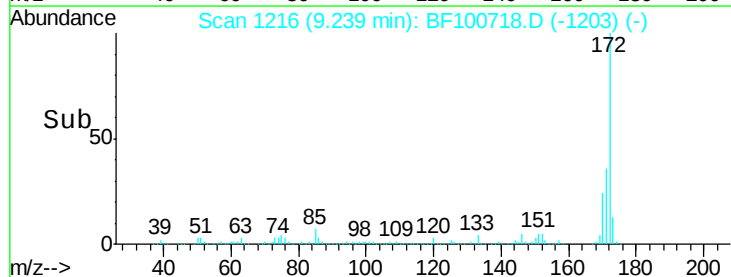
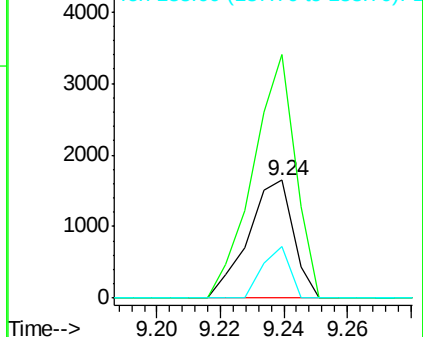


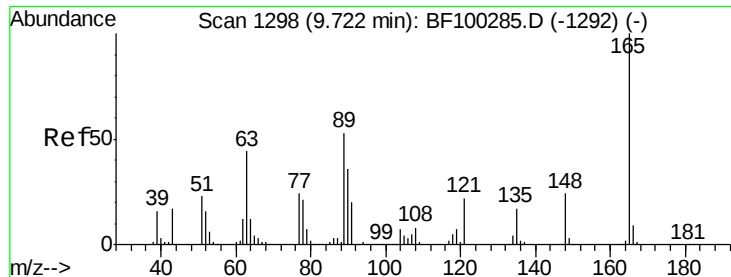
#47
 2-Nitroaniline
 Concen: 3.29 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

Tgt Ion: 65 Resp: 1638
 Ion Ratio Lower Upper
 65 100
 92 206.2 55.8 83.6#
 138 43.3 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

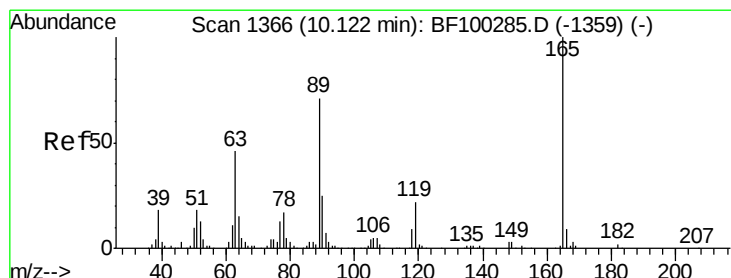
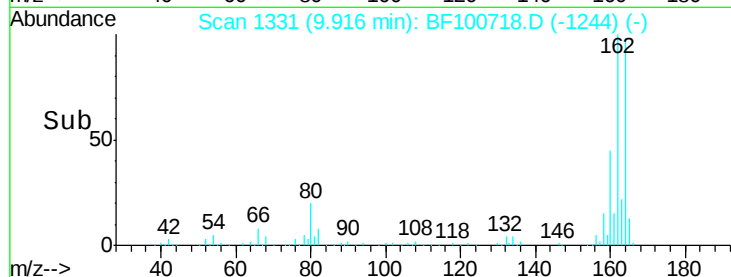
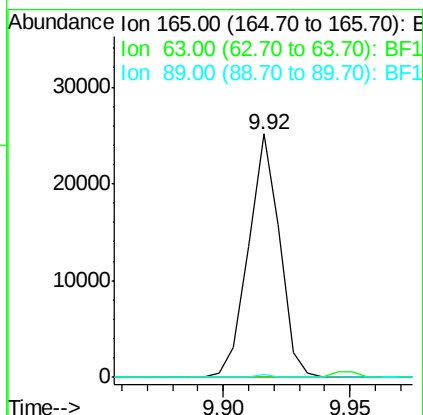
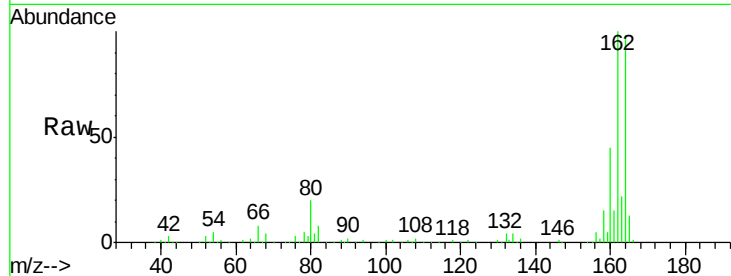




#50
2,6-Dinitrotoluene
Concen: 8.62 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

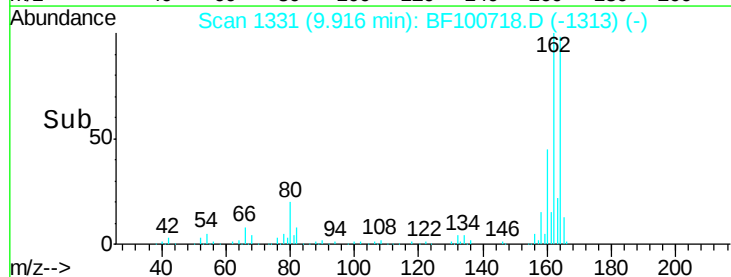
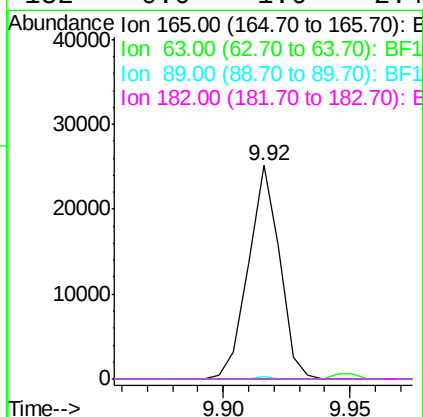
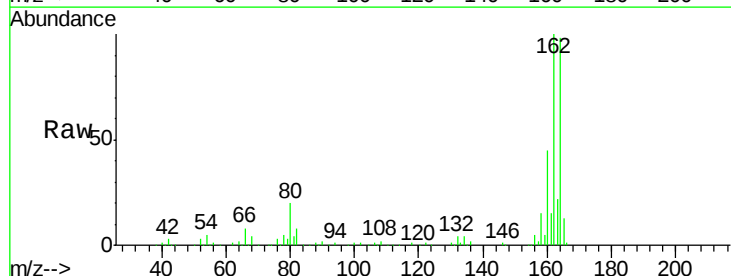
Instrument :
BNA_F
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CL-01-111617-E

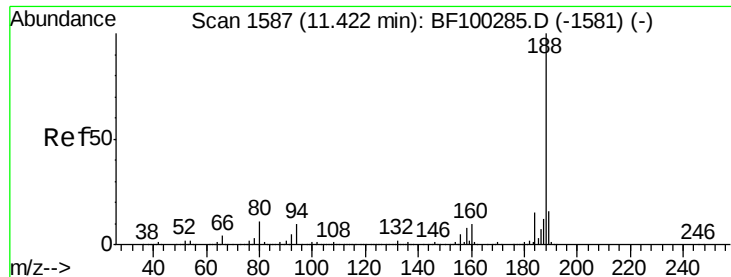
Tgt Ion:165 Resp: 21543
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

Tgt Ion:165 Resp: 21543
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

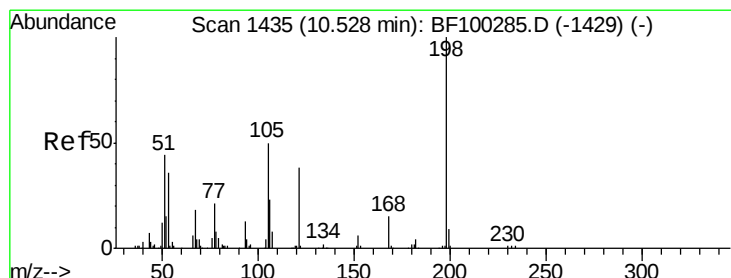
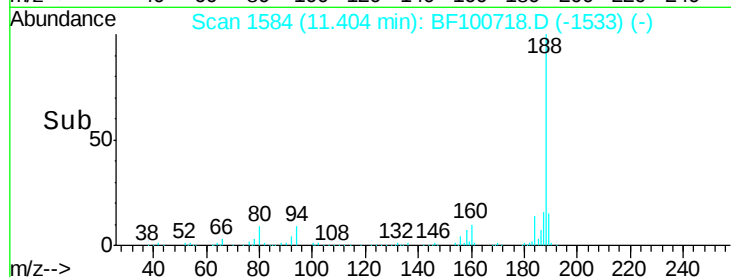
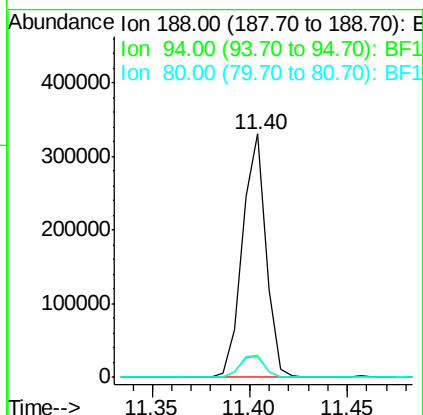
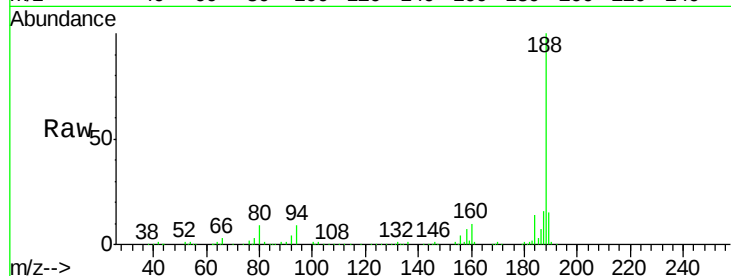




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

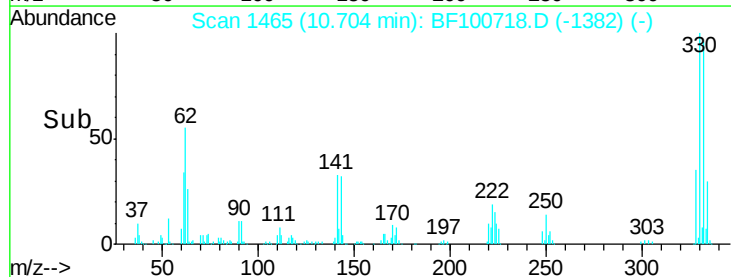
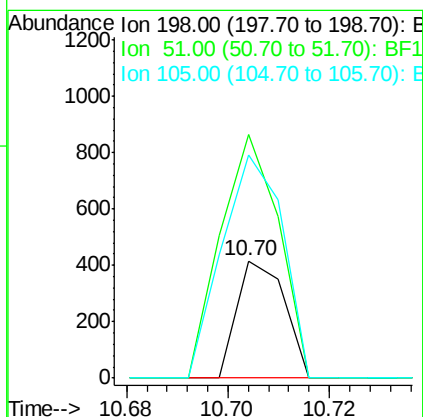
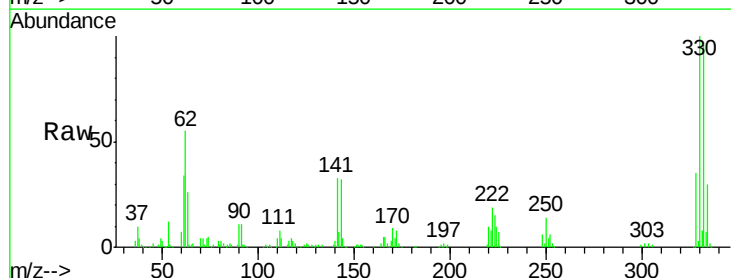
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

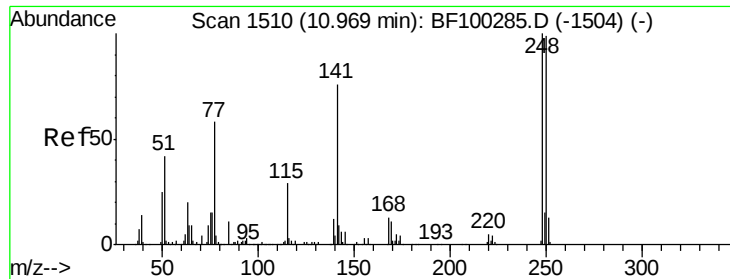
Tgt Ion:188 Resp: 276410
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.0 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.73 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

Tgt Ion:198 Resp: 271
Ion Ratio Lower Upper
198 100
51 208.2 37.7 77.7#
105 191.1 36.3 76.3#

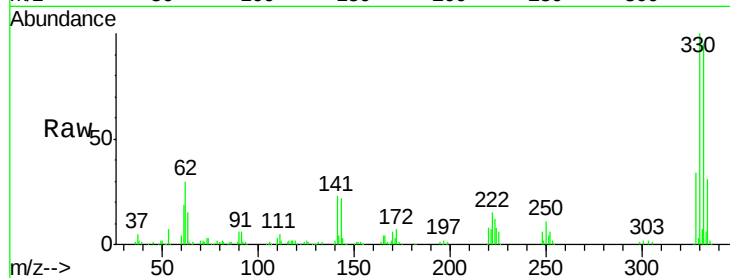




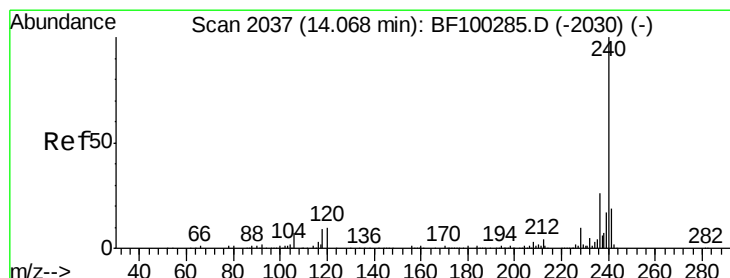
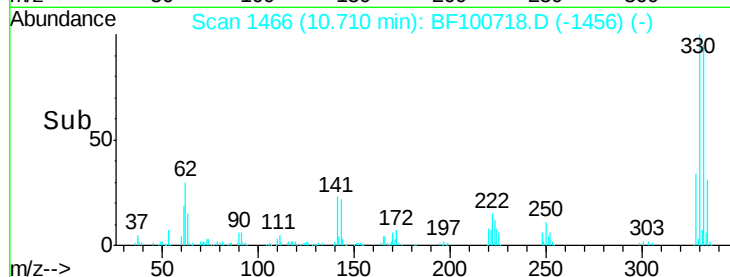
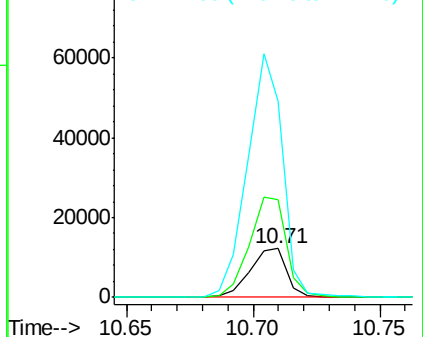
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

Instrument :
BNA_F
ClientSampleId :
CL-01-111617-E

Tgt Ion:248 Resp: 12295
Ion Ratio Lower Upper
248 100
250 199.9 76.9 115.3#
141 402.2 74.4 111.6#

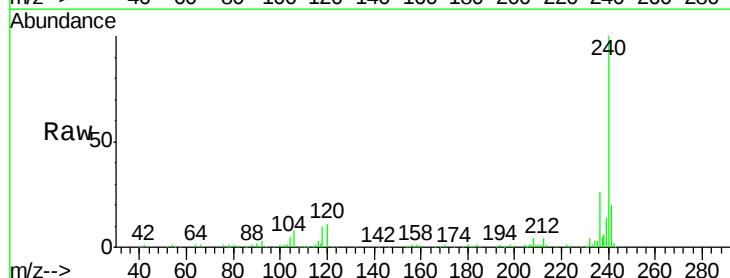


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

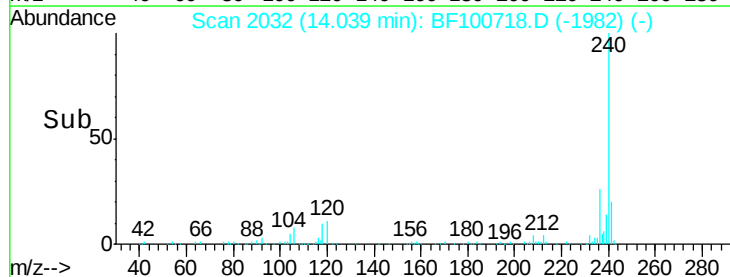
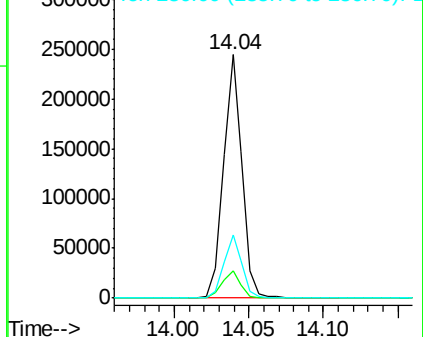


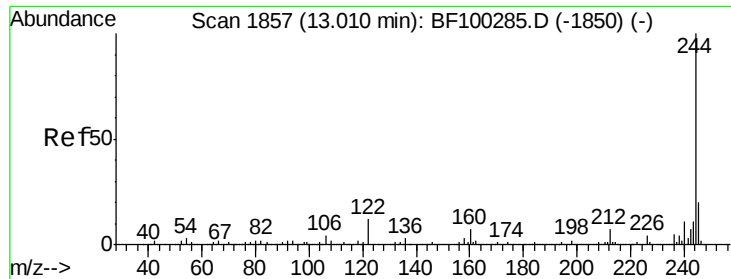
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100718.D
Acq: 18 Nov 2017 13:04

Tgt Ion:240 Resp: 213621
Ion Ratio Lower Upper
240 100
120 11.4 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

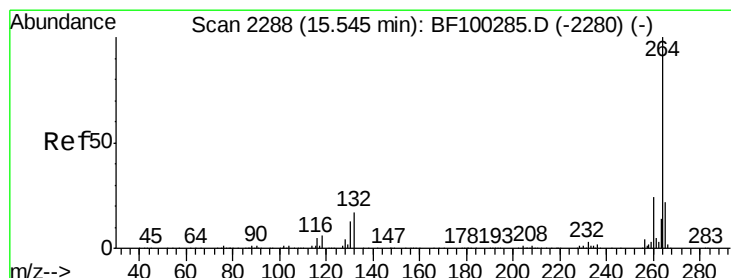
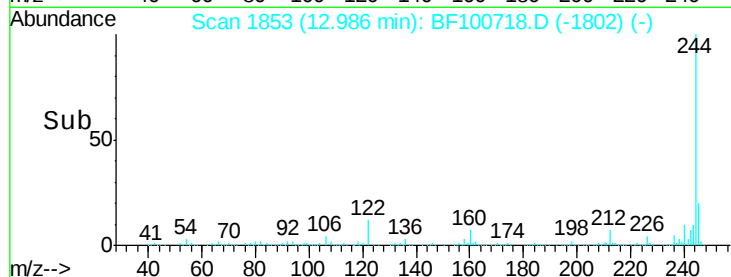
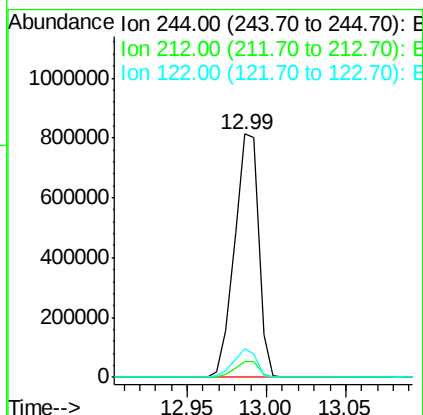
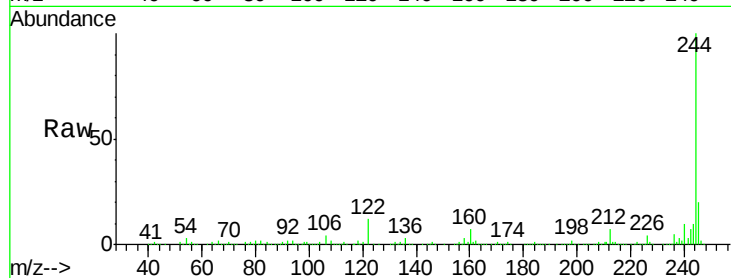




#78
 Terphenyl-d14
 Concen: 92.37 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF100718.D
 Acq: 18 Nov 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-E

Tgt Ion: 244 Resp: 858789
 Ion Ratio Lower Upper
 244 100
 212 6.6 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: BF100718.D
 Acq: 18 Nov 2017 13:04

Tgt Ion: 264 Resp: 185242
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 17.5 26.3

