

Data File : BF100717.D
Acq On : 18 Nov 2017 12:37
Operator : SJ/JU
Sample : I6304-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Nov 20 00:12:53 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	91135	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	353316	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	157572	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	266806	20.00	ng	0.00
75) Chrysene-d12	14.04	240	209967	20.00	ng	0.00
86) Perylene-d12	15.52	264	177039	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	624841	109.90	ng	0.02
7) Phenol-d6	6.51	99	683557	97.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	534591	100.03	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	202605	126.18	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1048932	101.36	ng	0.00
78) Terphenyl-d14	12.99	244	849122	92.92	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	13918	2.78	ng	87
19) n-Nitroso-di-n-propylamine	7.45	70	69500	14.29	ng	# 80
25) Isophorone	7.45	82	534587	47.60	ng	# 64
31) Naphthalene	8.19	128	50983	3.00	ng	98
47) 2-Nitroaniline	9.24	65	1433	3.25	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	19898	8.36	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	19898	6.62	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.71	198	274	8.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	13052	4.56	ng	# 1

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

Data File : BF100717.D

Acq On : 18 Nov 2017 12:37

Operator : SJ/JU

Sample : I6304-19

Misc :

ALS Vial : 37 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-D

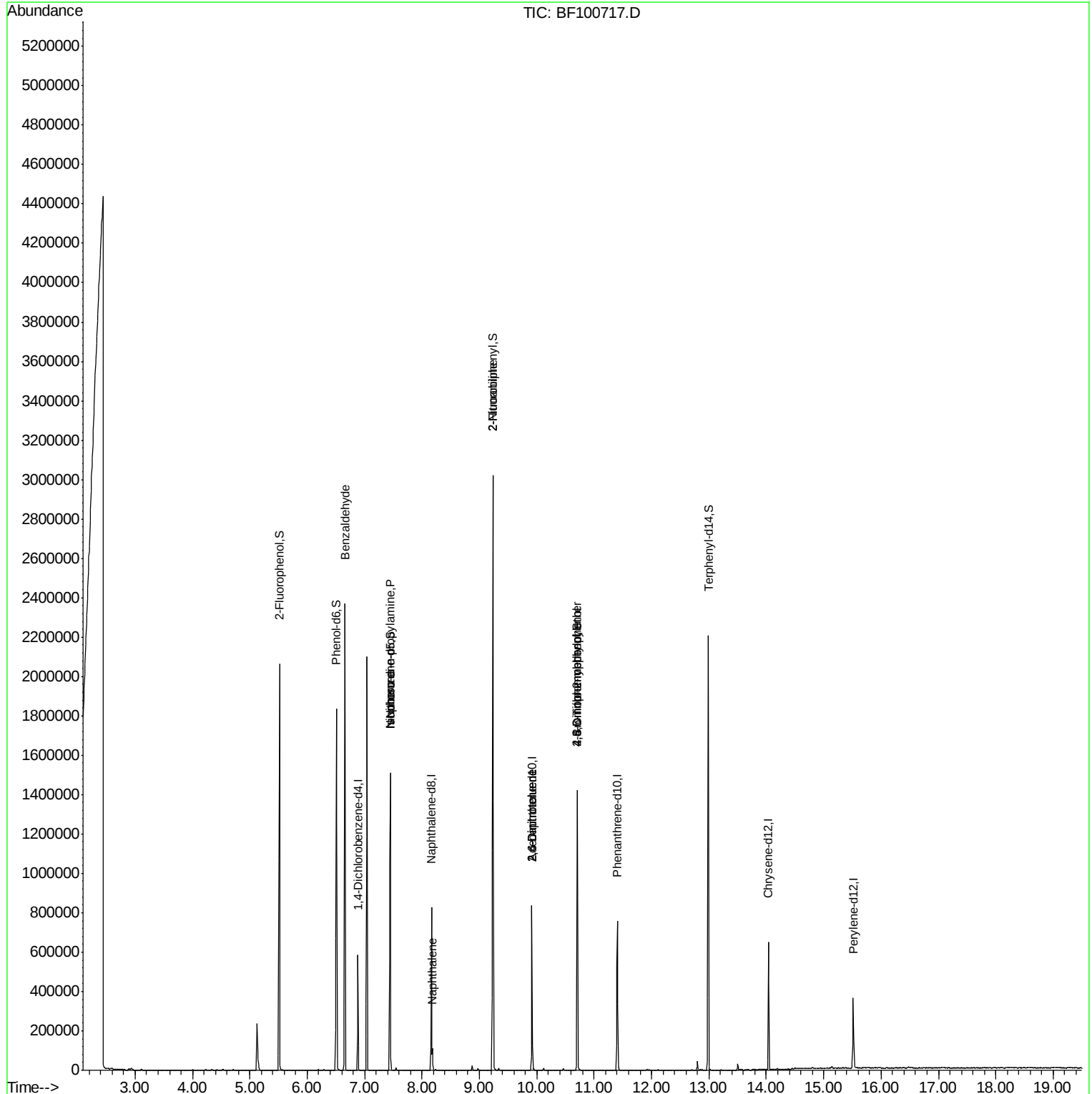
Quant Time: Nov 20 00:12:53 2017

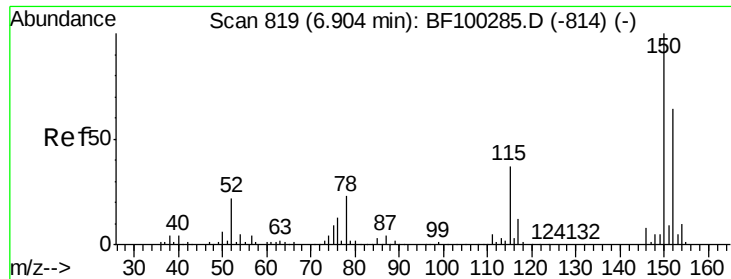
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration



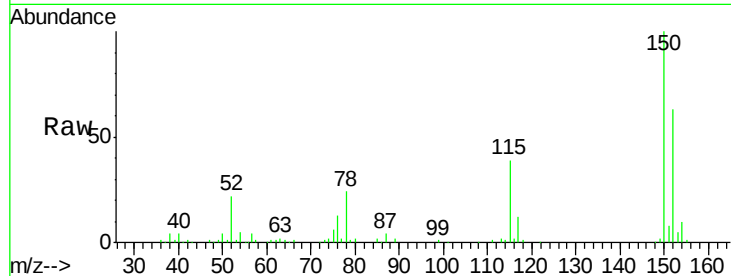


#1

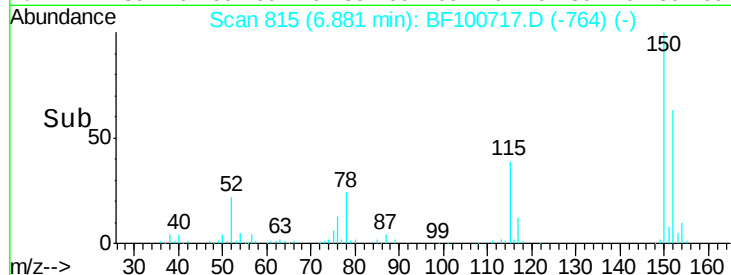
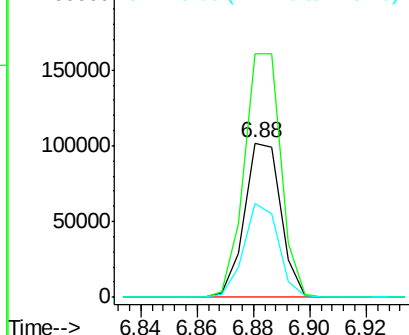
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

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

Tgt Ion:152 Resp: 91135
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.9 50.1 75.1



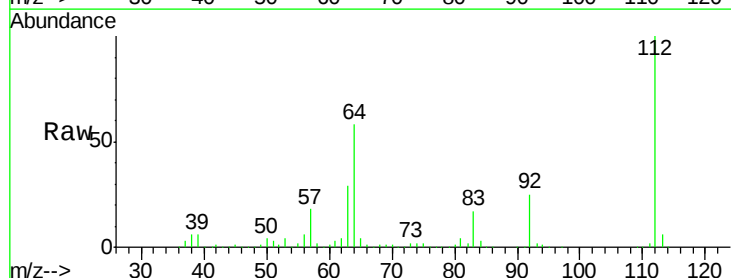
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



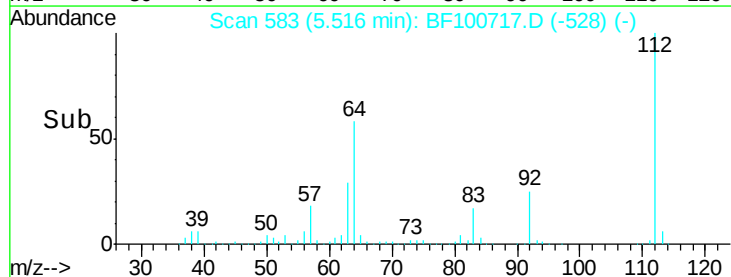
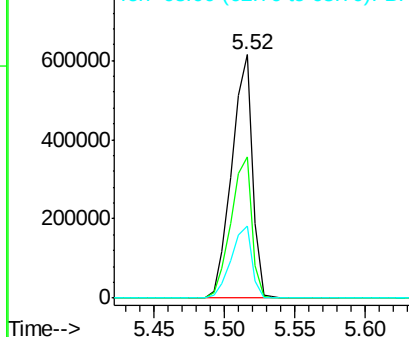
#5

2-Fluorophenol
Concen: 109.90 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

Tgt Ion:112 Resp: 624841
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.5 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: 97.50 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-D

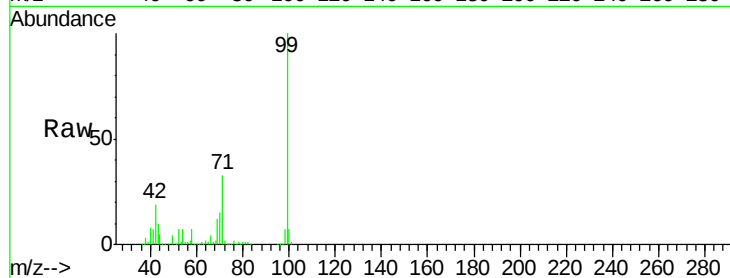
Tgt Ion: 99 Resp: 683557

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

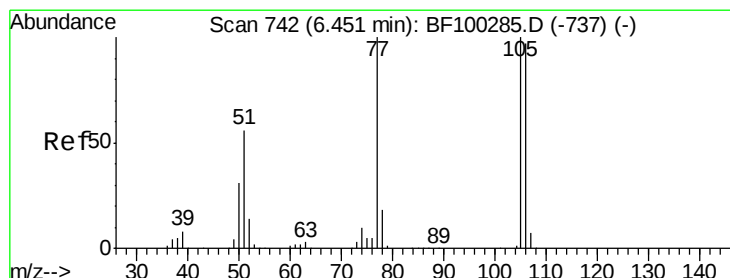
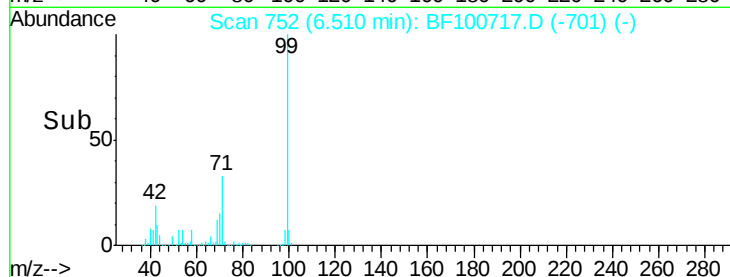
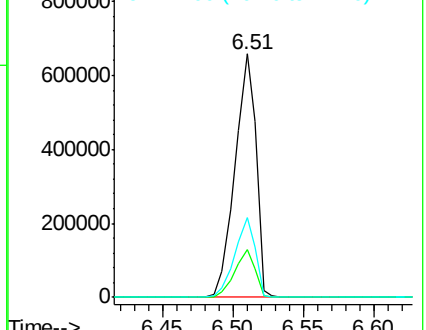
71 32.7 25.4 38.0



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: 2.78 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

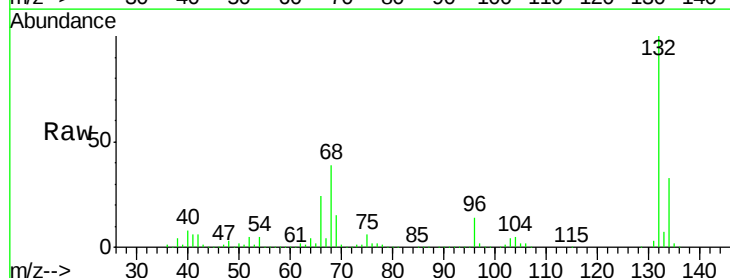
Tgt Ion: 77 Resp: 13918

Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

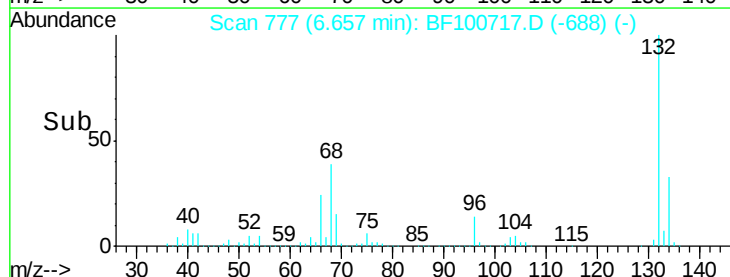
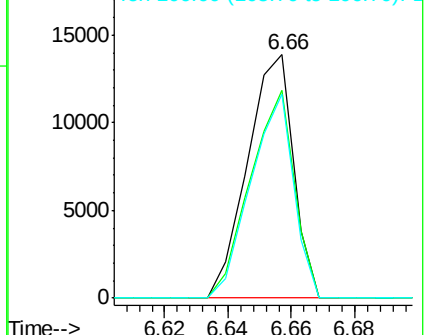
106 83.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.29 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-D

Tgt Ion: 70 Resp: 69500

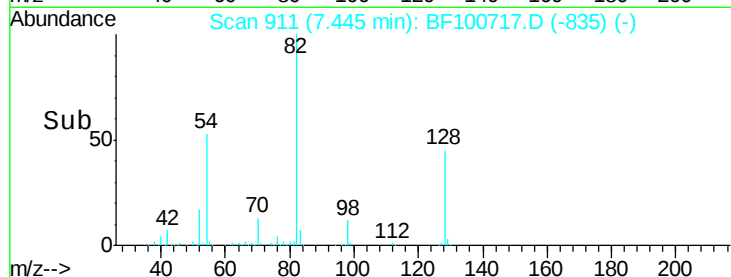
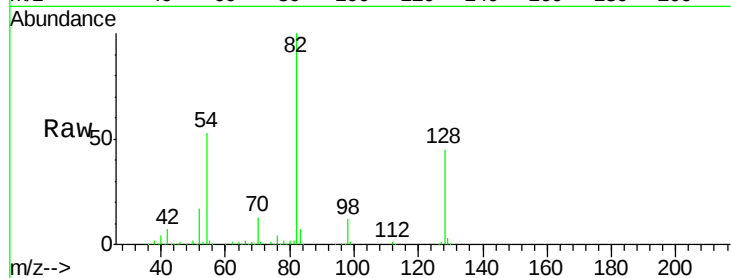
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

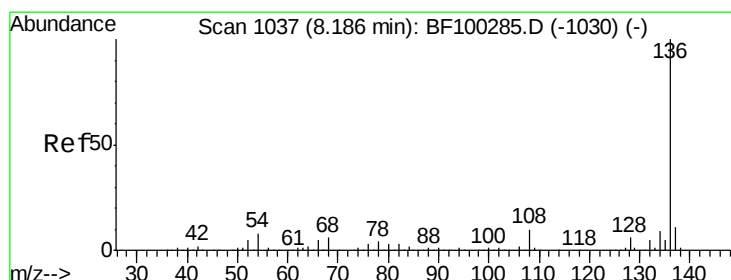
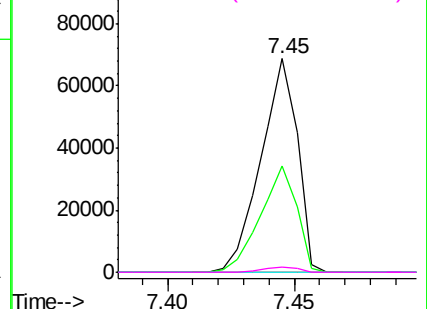


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

Tgt Ion: 136 Resp: 353316

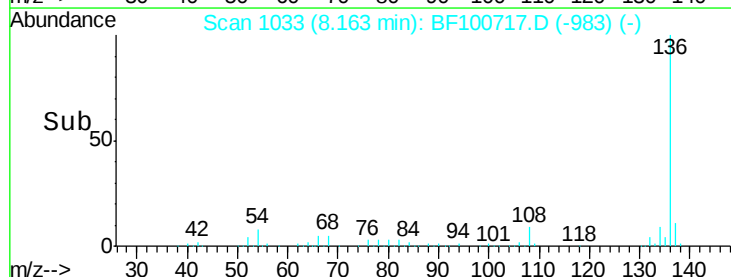
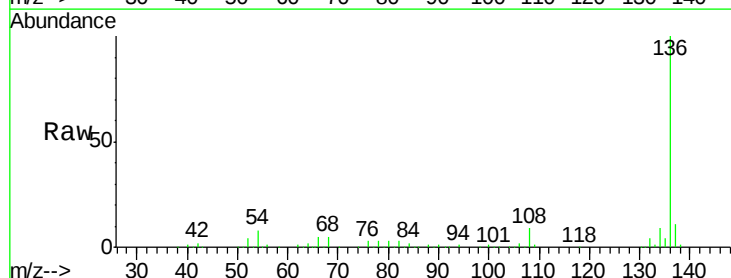
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.2 6.6 9.8

68 5.5 5.0 7.4

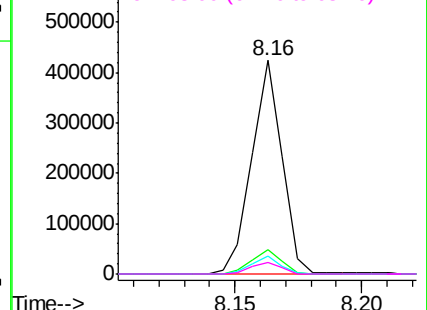


Abundance Ion 136.00 (135.70 to 136.70): BF1

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

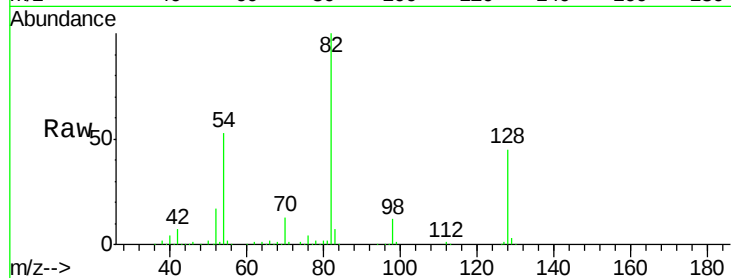




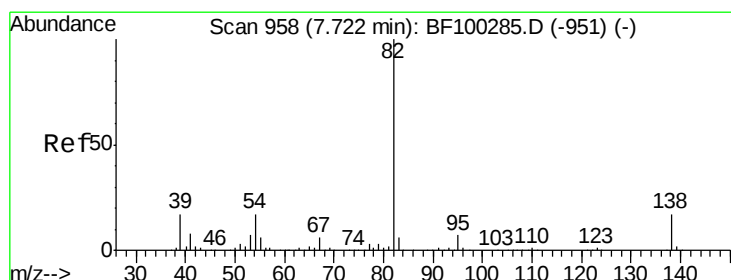
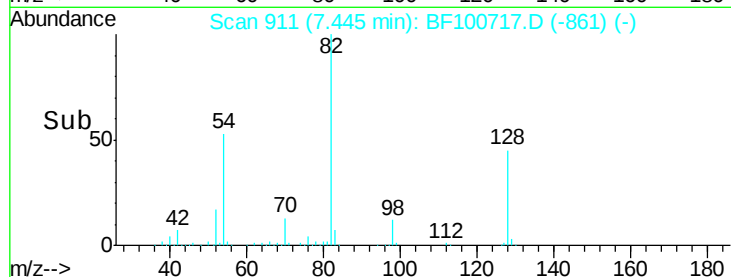
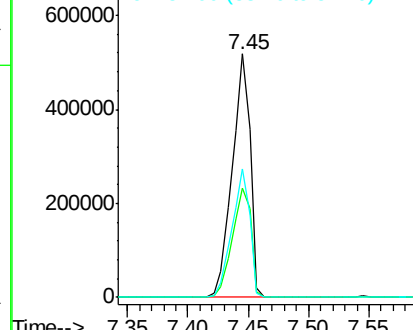
#23
 Nitrobenzene-d5
 Concen: 100.03 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	53.0	41.4	62.2

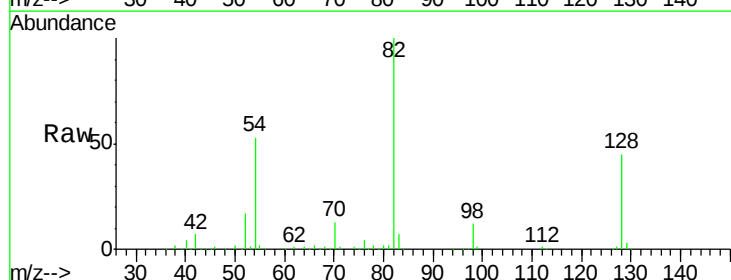


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

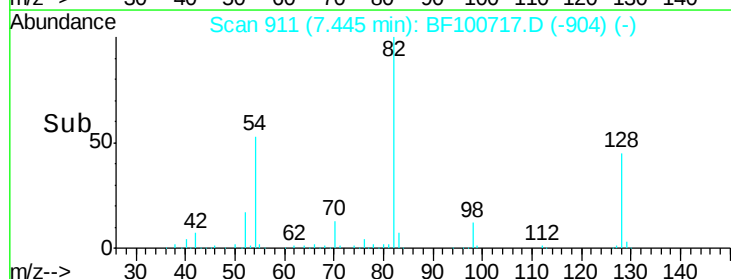
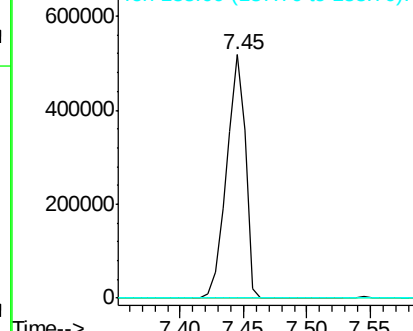


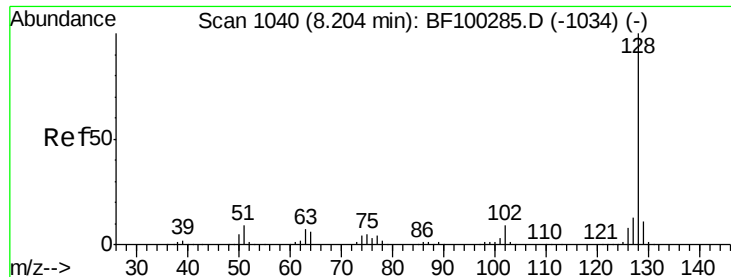
#25
 Isophorone
 Concen: 47.60 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

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

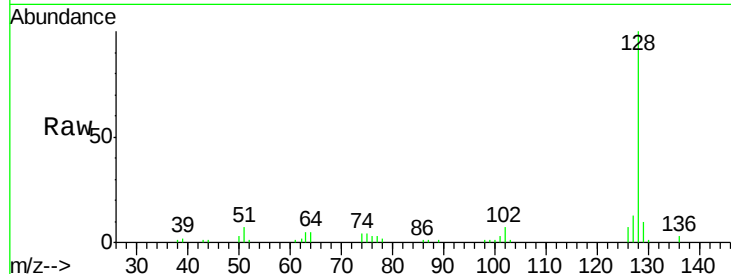




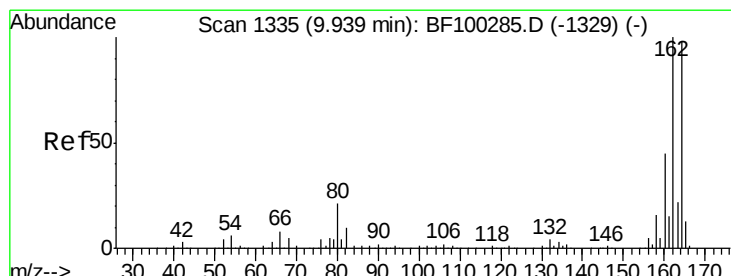
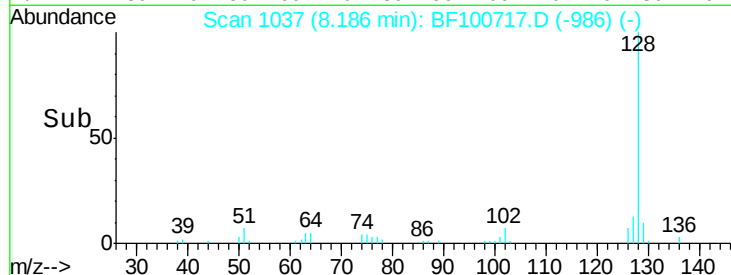
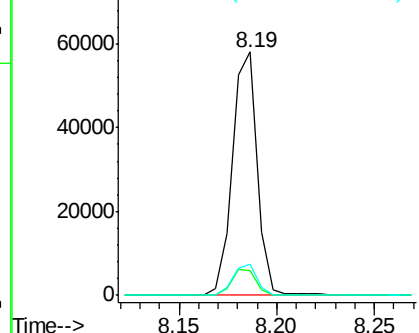
#31
Naphthalene
Concen: 3.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

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

Tgt Ion:128 Resp: 50983
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.9 10.9 16.3

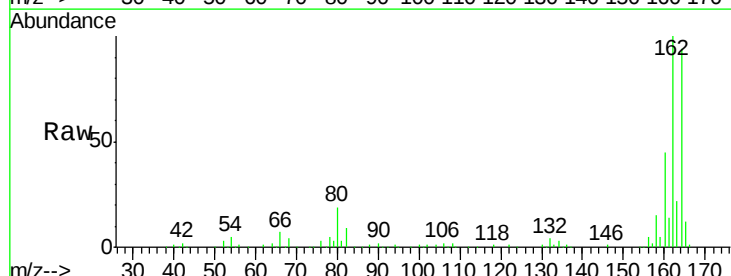


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

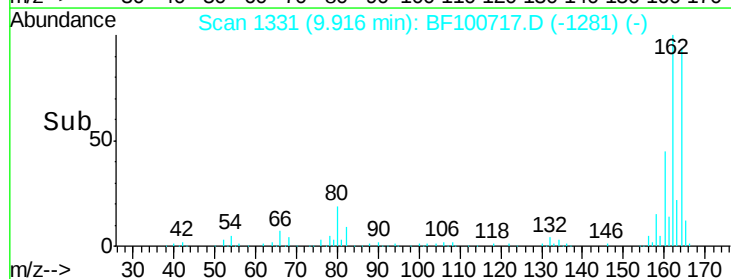
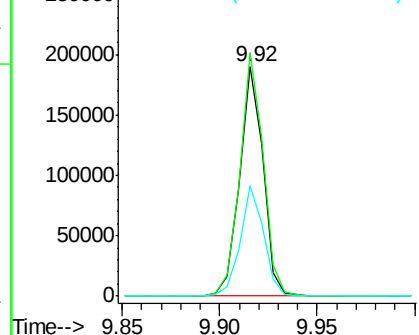


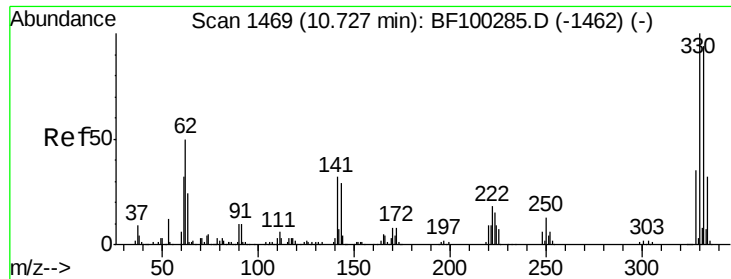
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

Tgt Ion:164 Resp: 157572
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 48.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

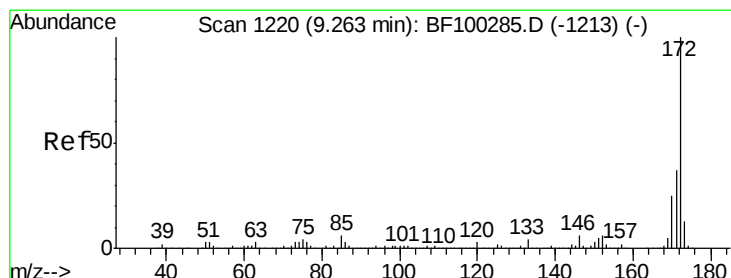
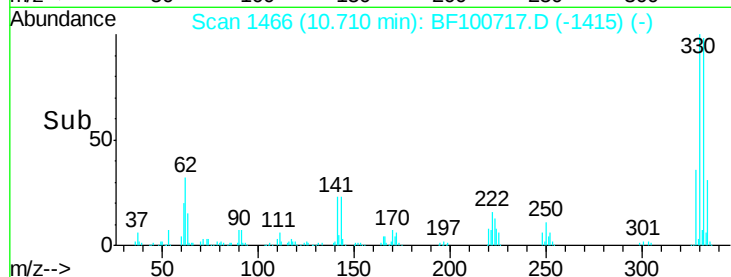
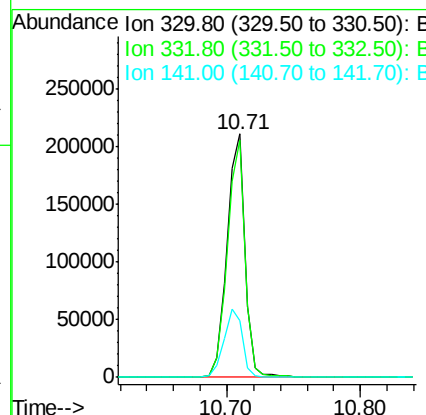
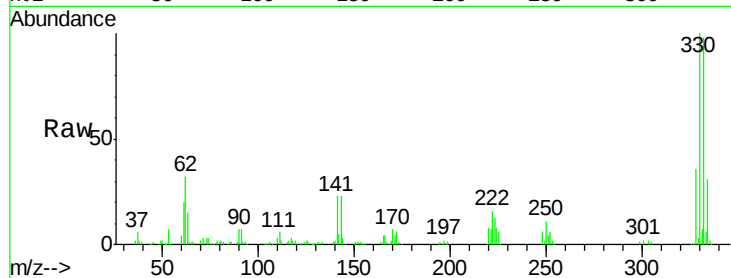




#41
 2,4,6-Tribromophenol
 Concen: 126.18 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

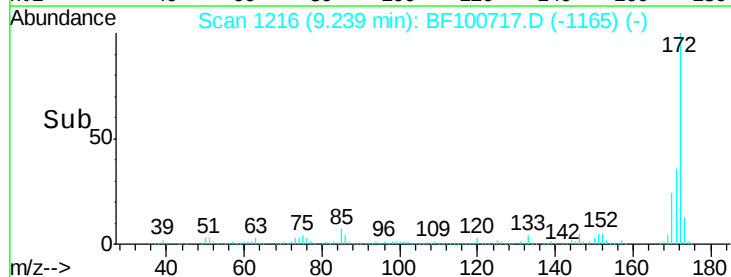
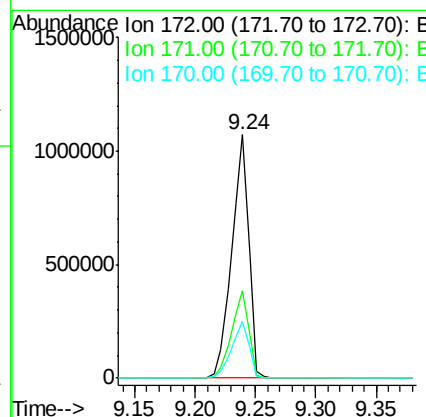
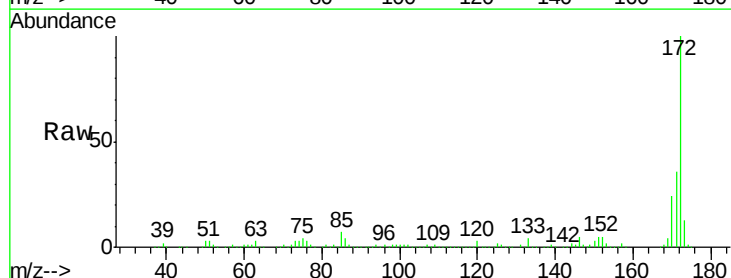
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-D

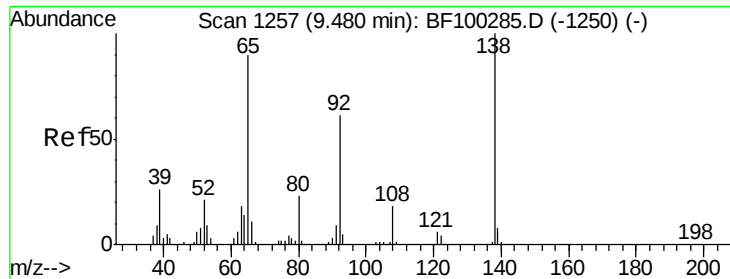
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	28.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 101.36 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	19.6	29.4

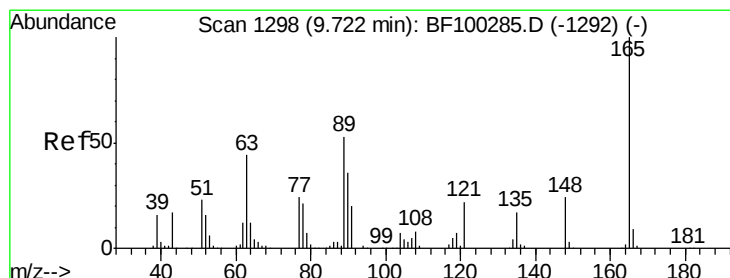
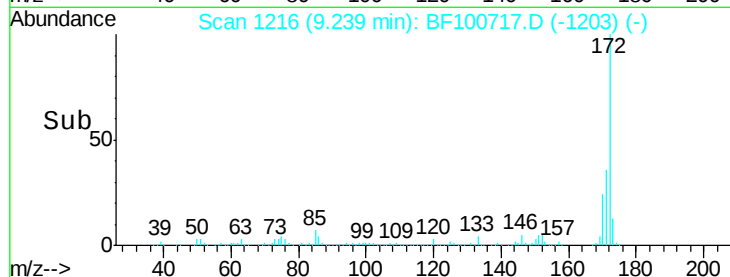
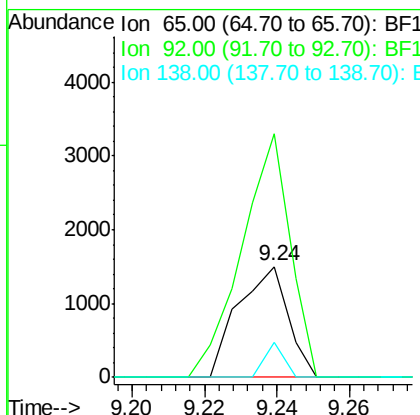
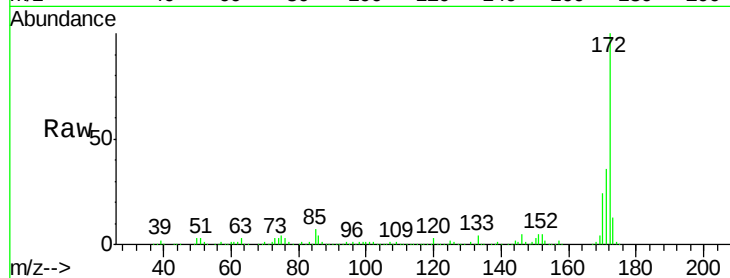




#47
2-Nitroaniline
Concen: 3.25 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

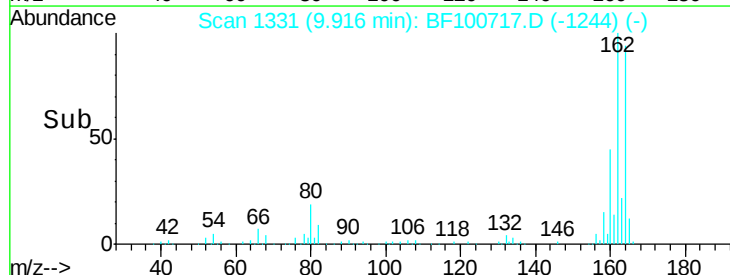
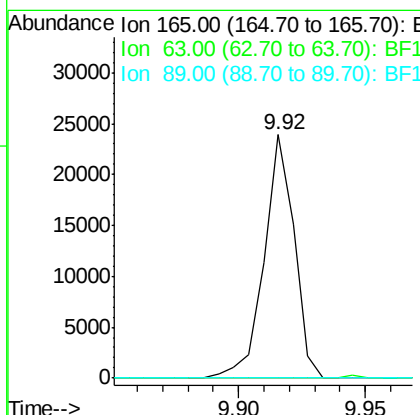
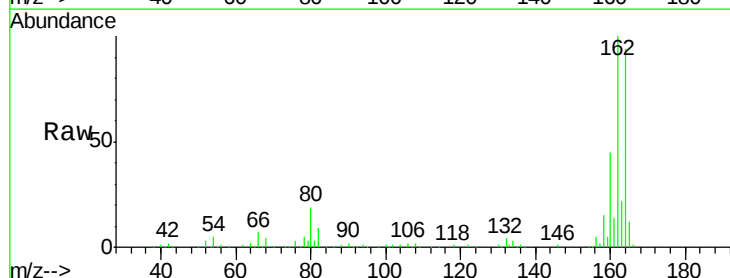
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-D

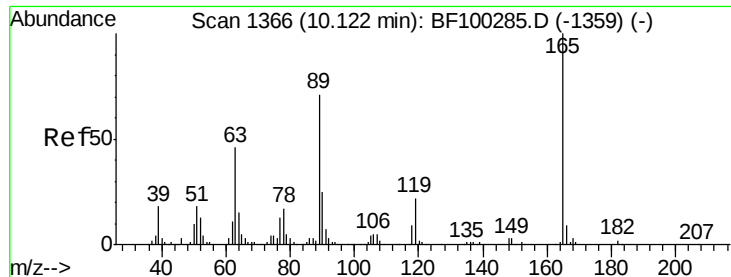
Tgt Ion: 65 Resp: 1433
Ion Ratio Lower Upper
65 100
92 219.8 55.8 83.6#
138 31.6 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

Tgt Ion: 165 Resp: 19898
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

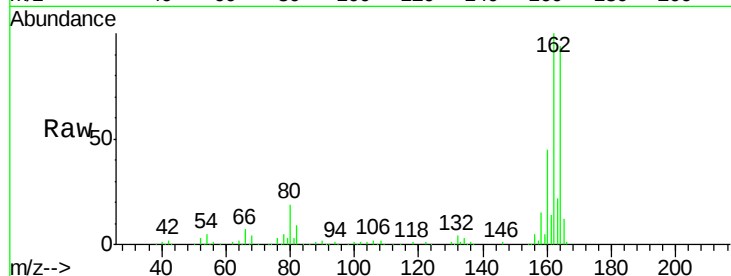




#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

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

Tgt 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#

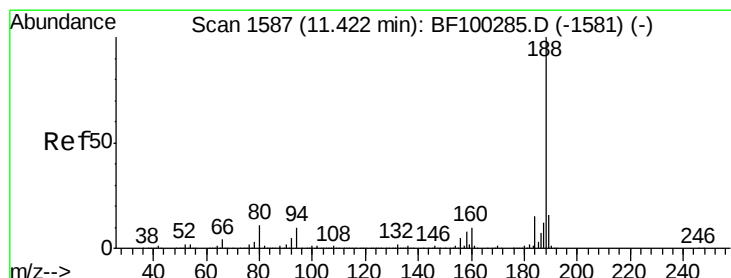
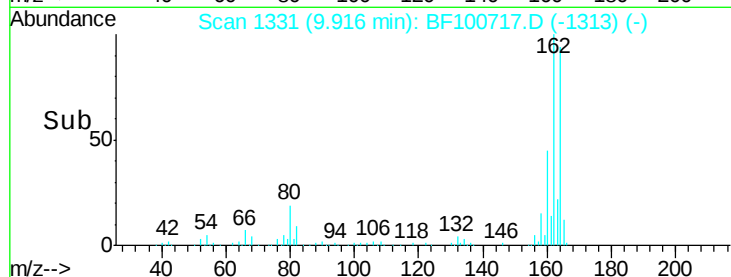
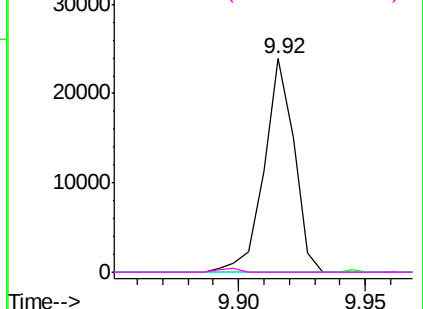


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

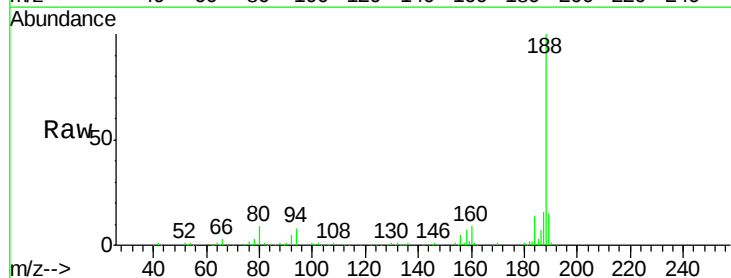
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

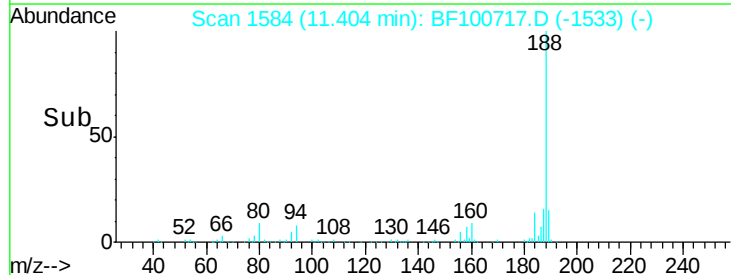
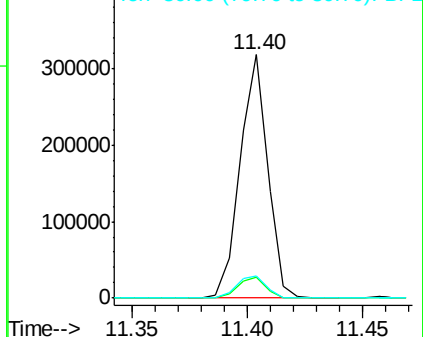
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.2	9.2	13.8

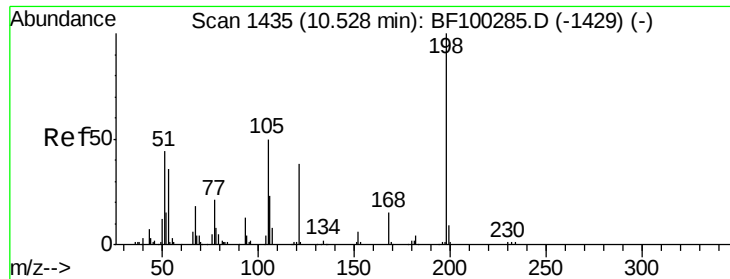


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

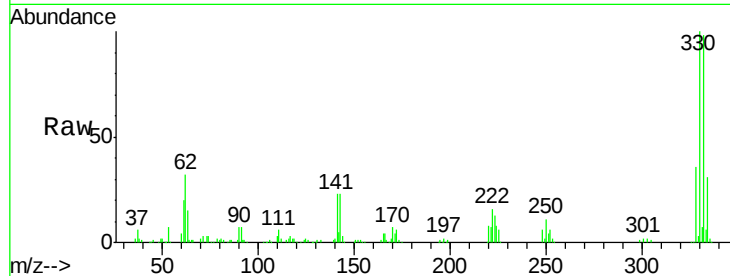




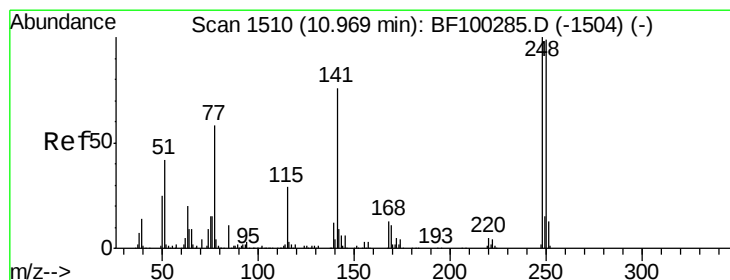
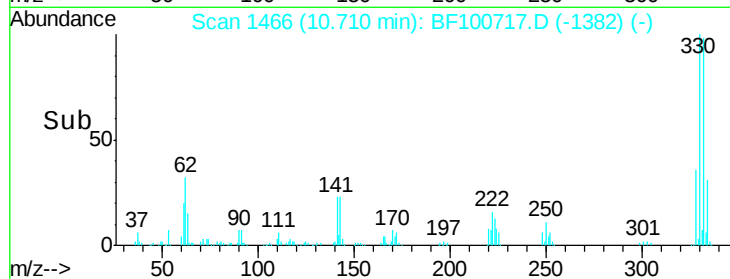
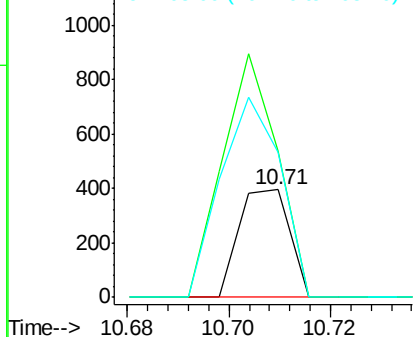
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.74 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

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

Tgt Ion:198 Resp: 274
 Ion Ratio Lower Upper
 198 100
 51 135.7 37.7 77.7#
 105 134.7 36.3 76.3#

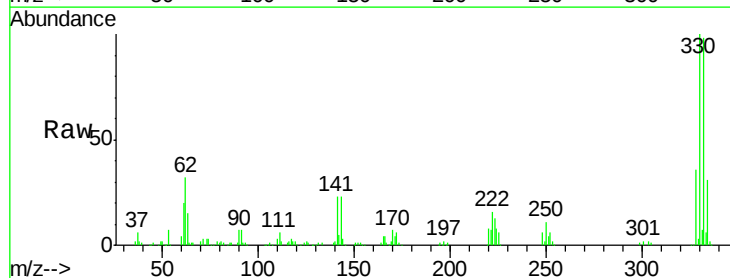


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

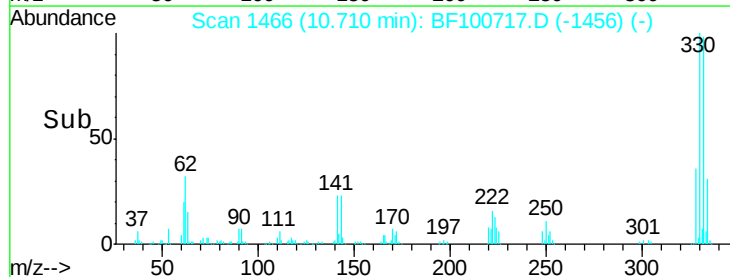
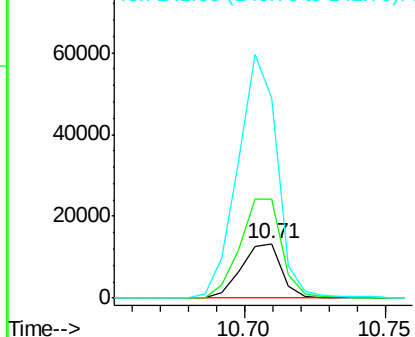


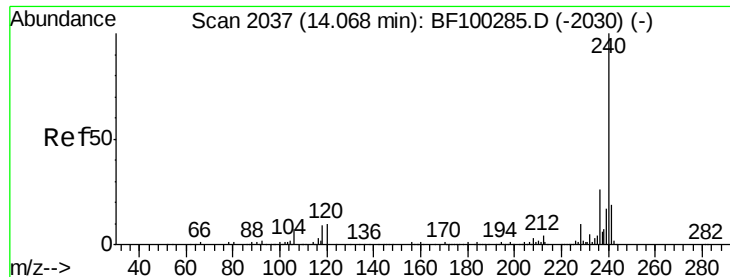
#66
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF100717.D
 Acq: 18 Nov 2017 12:37

Tgt Ion:248 Resp: 13052
 Ion Ratio Lower Upper
 248 100
 250 181.1 76.9 115.3#
 141 368.1 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: BF100717.D

Acq: 18 Nov 2017 12:37

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-D

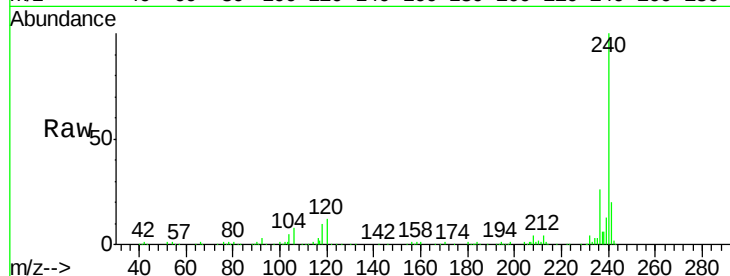
Tgt Ion:240 Resp: 209967

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

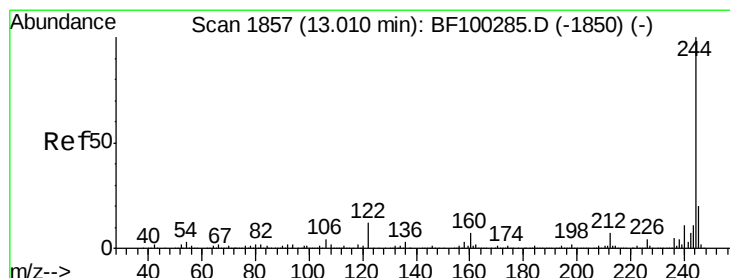
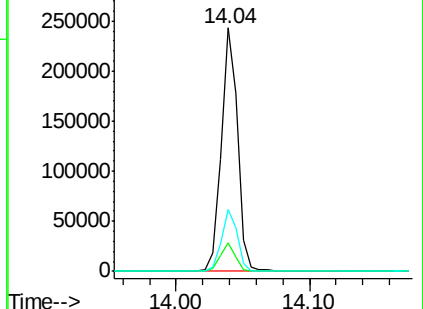
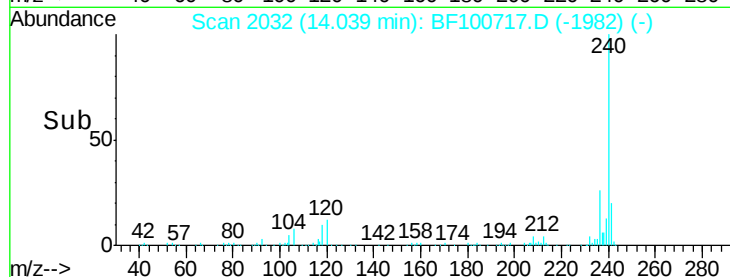
236 25.6 20.7 31.1



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: 92.92 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF100717.D

Acq: 18 Nov 2017 12:37

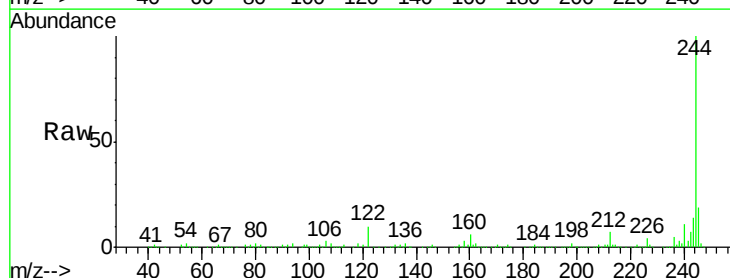
Tgt Ion:244 Resp: 849122

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

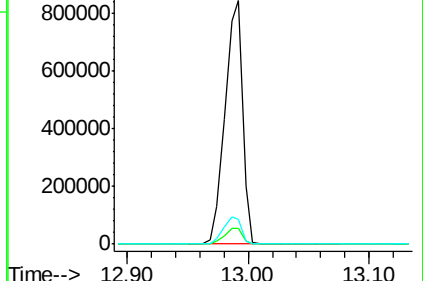
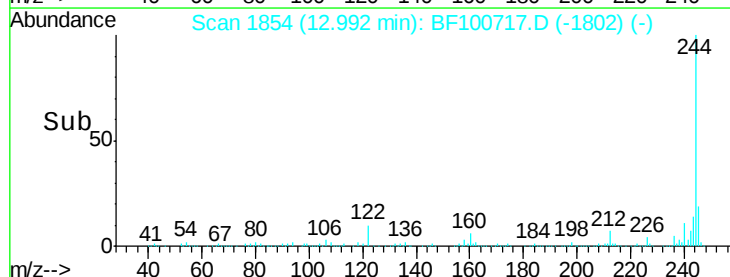
122 10.2 11.0 16.4#

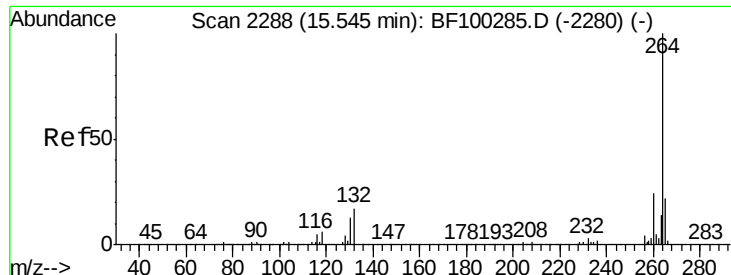


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100717.D
Acq: 18 Nov 2017 12:37

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.5	26.3

