

Data File : BF100715.D
Acq On : 18 Nov 2017 11:44
Operator : SJ/JU
Sample : I6304-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Nov 20 00:12:27 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	96289	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	366339	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	155319	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	250007	20.00	ng	0.00
75) Chrysene-d12	14.04	240	209422	20.00	ng	0.00
86) Perylene-d12	15.52	264	176877	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	629315	104.77	ng	0.02
7) Phenol-d6	6.51	99	686252	92.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	534451	96.45	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	190115	120.12	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1023615	100.35	ng	0.00
78) Terphenyl-d14	12.99	244	812442	89.14	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	14098	2.67	ng	86
19) n-Nitroso-di-n-propylamine	7.45	70	69951	13.62	ng	# 80
25) Isophorone	7.45	82	534439	45.90	ng	# 64
31) Naphthalene	8.19	128	37895	2.15	ng	98
47) 2-Nitroaniline	9.24	65	1428	3.25	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	19718	8.40	ng	# 24
55) 4-Nitrophenol	10.12	139	5038	2.24	ng	# 9
56) 2,4-Dinitrotoluene	9.92	165	19718	6.66	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	286	8.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	11354	4.24	ng	# 1

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

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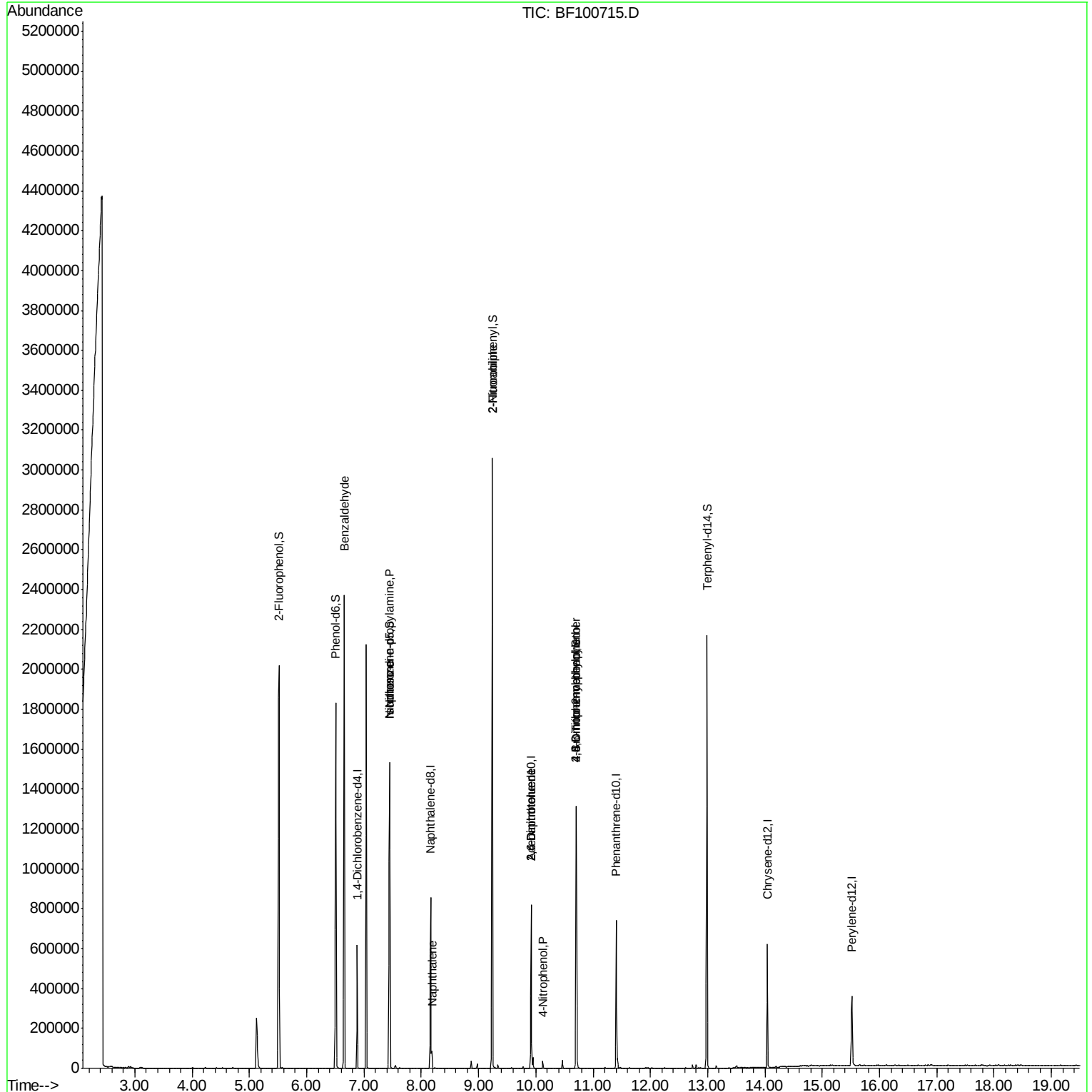
Quant Time: Nov 20 00:12:27 2017

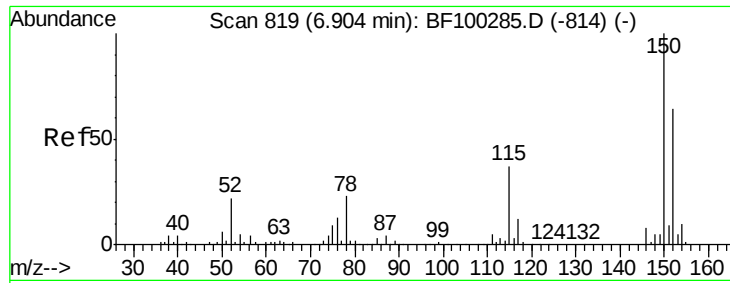
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration

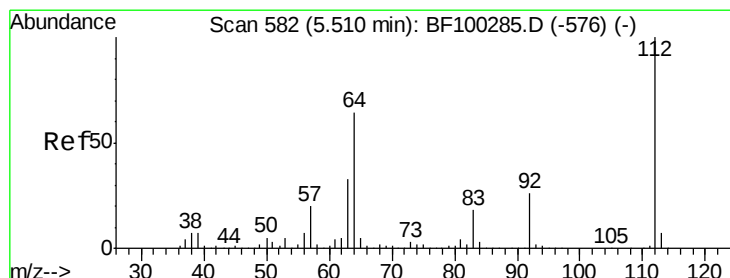
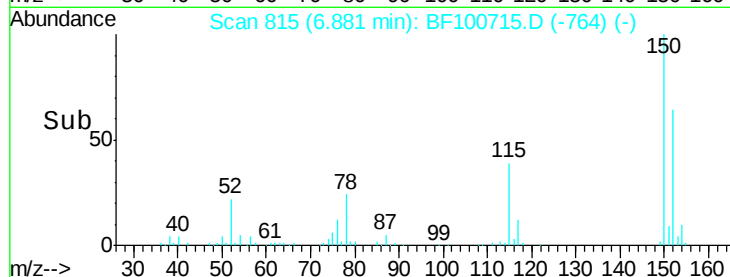
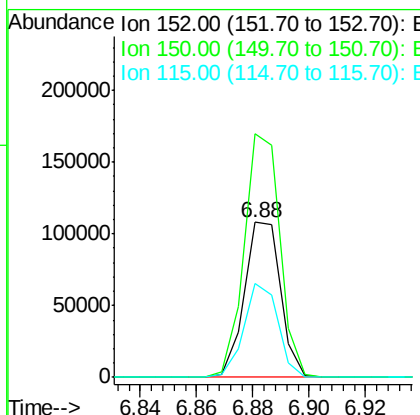
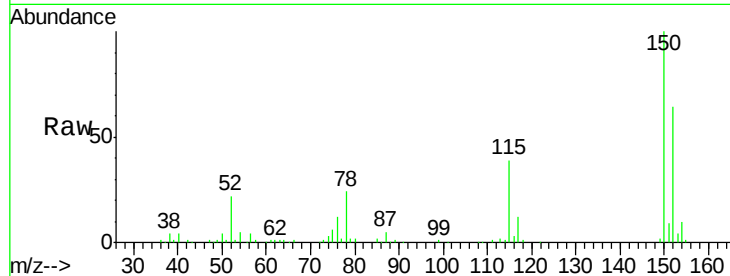




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

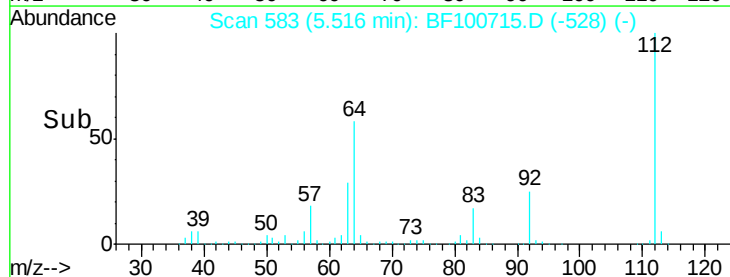
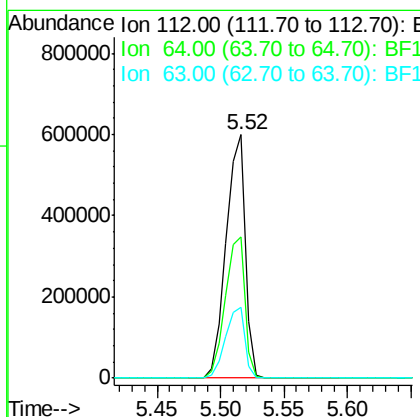
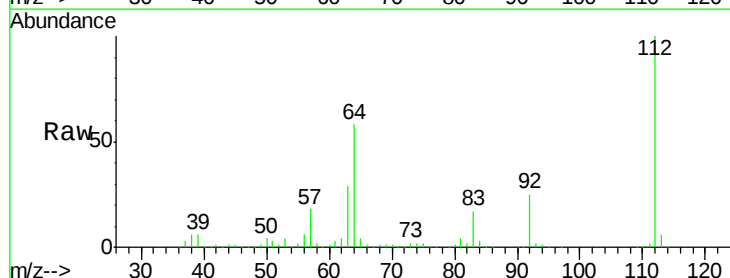
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-B

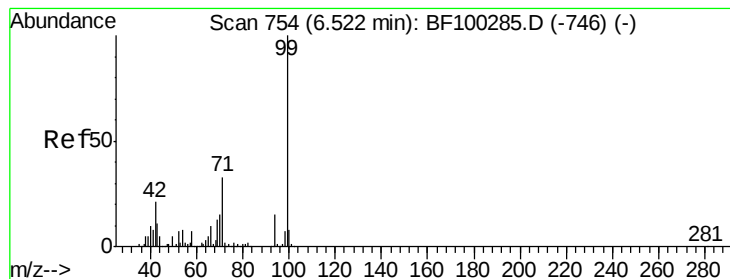
Tgt Ion:152 Resp: 96289
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 104.77 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

Tgt Ion:112 Resp: 629315
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 92.65 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-B

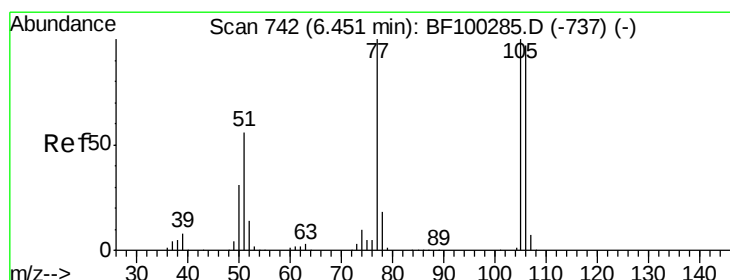
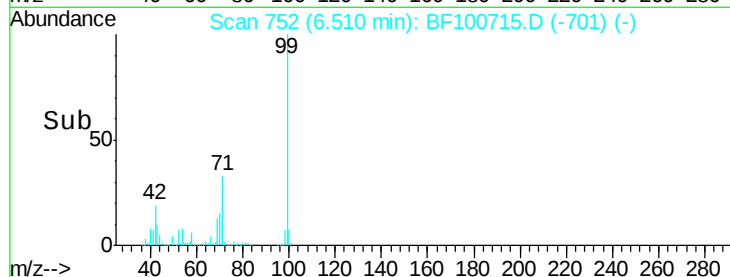
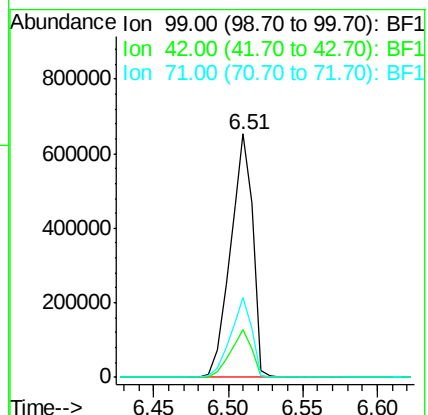
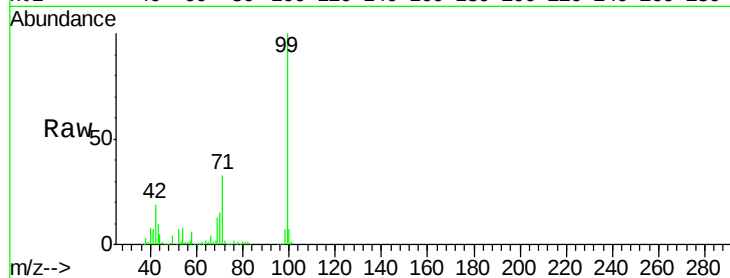
Tgt Ion: 99 Resp: 686252

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.8 25.4 38.0



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

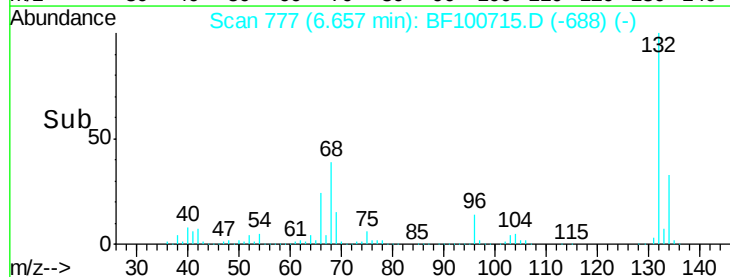
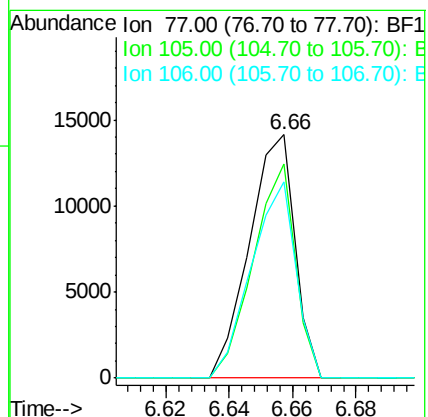
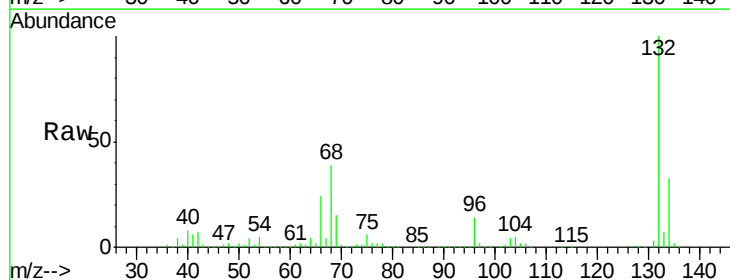
Tgt Ion: 77 Resp: 14098

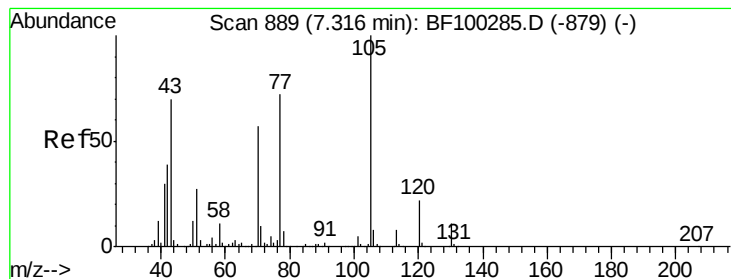
Ion Ratio Lower Upper

77 100

105 88.0 81.1 121.1

106 80.8 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 13.62 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Instrument :

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ClientSampleId :

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Tgt Ion: 70 Resp: 69951

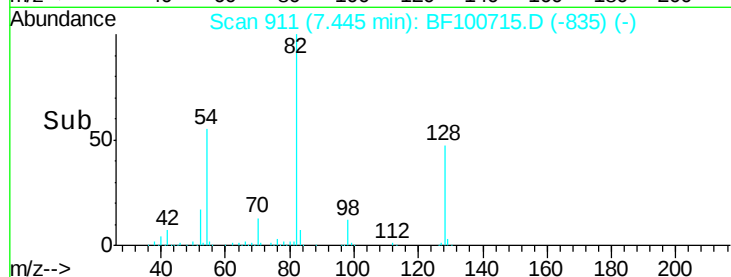
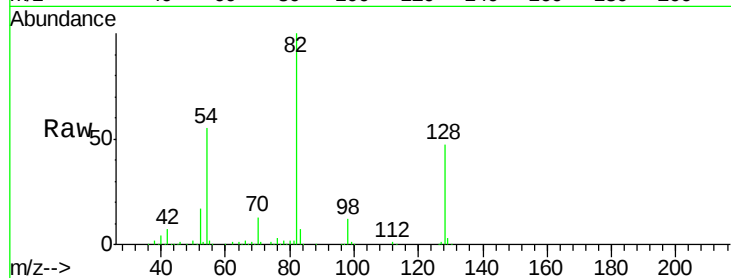
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

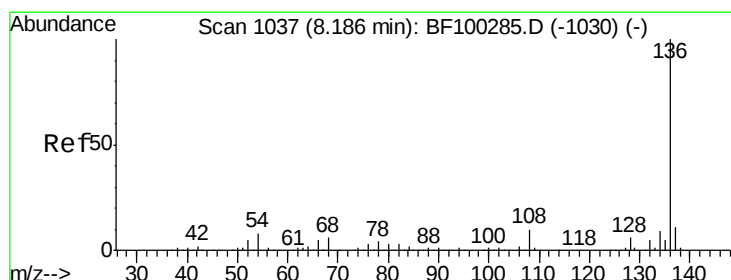
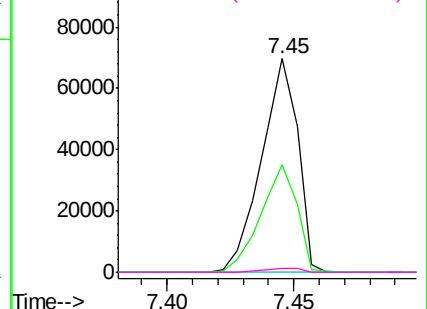


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100715.D

Acq: 18 Nov 2017 11:44

Tgt Ion: 136 Resp: 366339

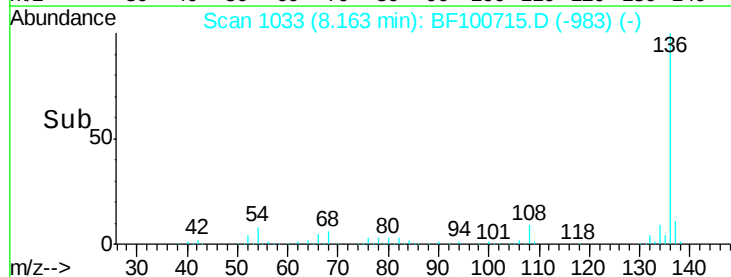
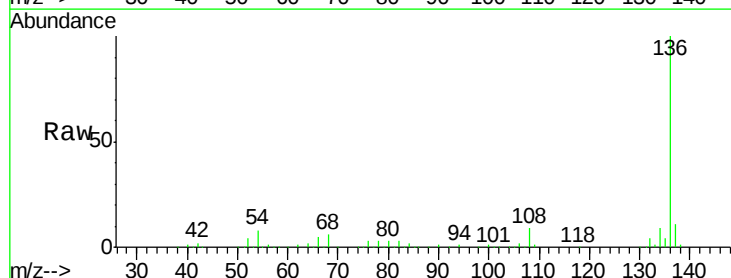
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

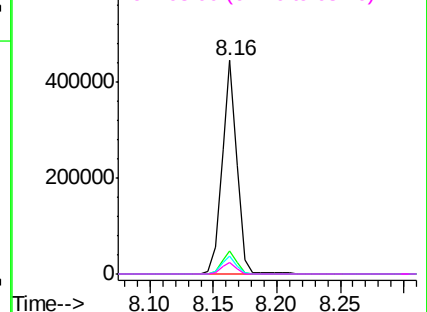


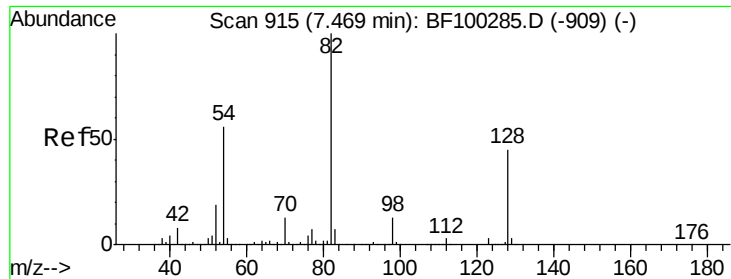
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

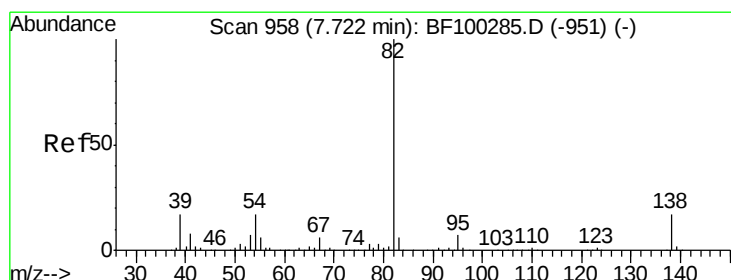
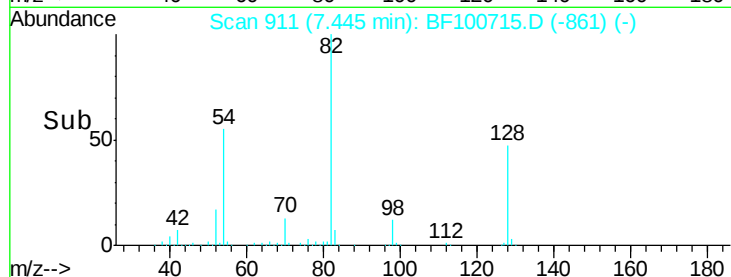
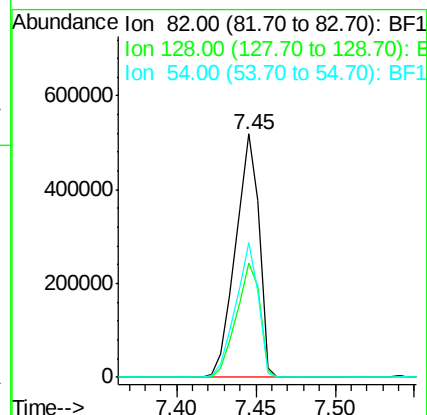
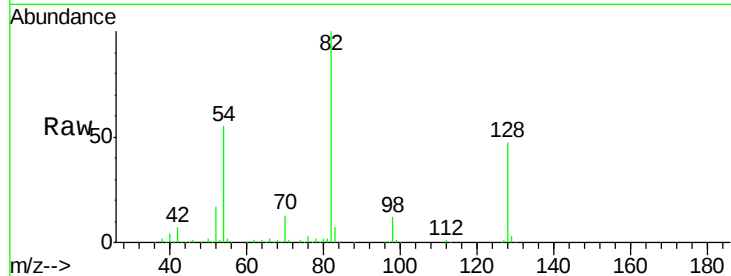




#23
Nitrobenzene-d5
Concen: 96.45 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

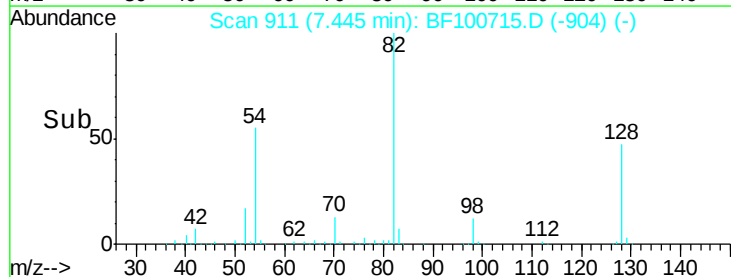
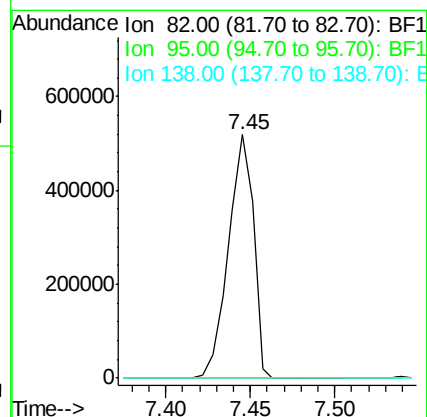
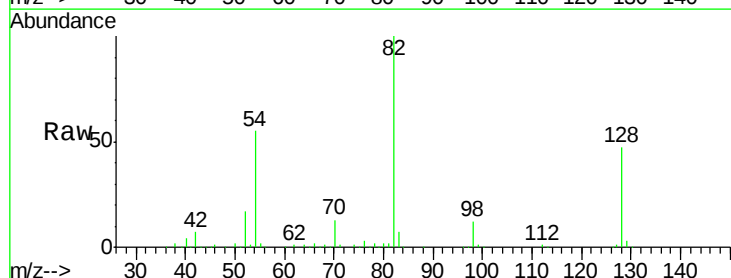
Instrument :
BNA_F
ClientSampleId :
CL-01-111617-B

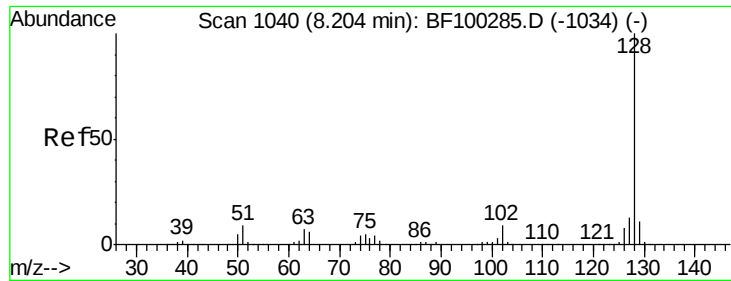
Tgt Ion: 82 Resp: 534451
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 55.2 41.4 62.2



#25
Isophorone
Concen: 45.90 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Tgt Ion: 82 Resp: 534439
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

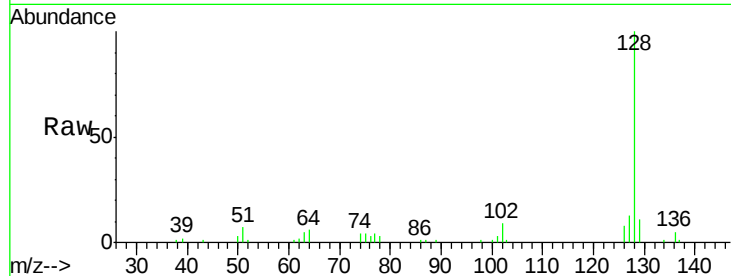




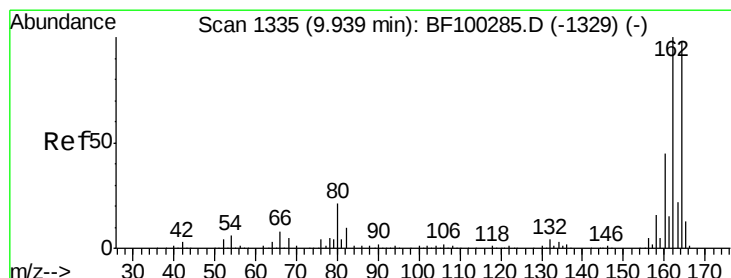
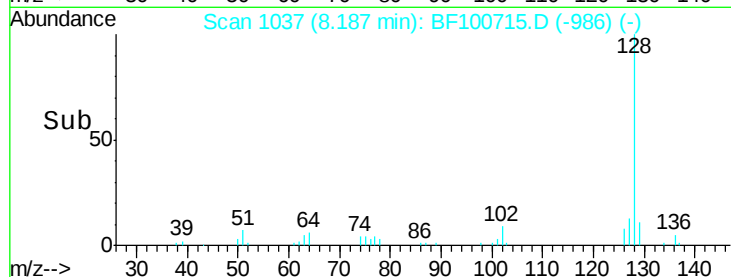
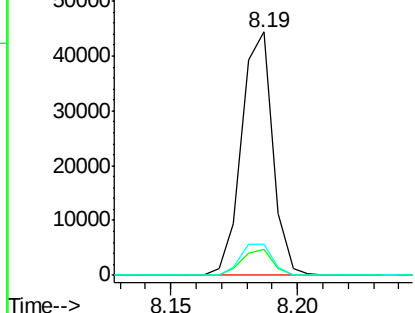
#31
Naphthalene
Concen: 2.15 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

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

Tgt Ion:128 Resp: 37895
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.9 16.3

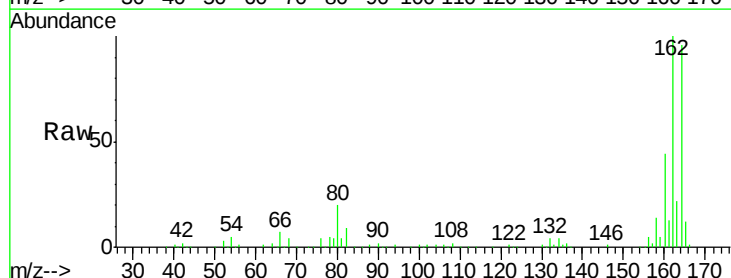


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

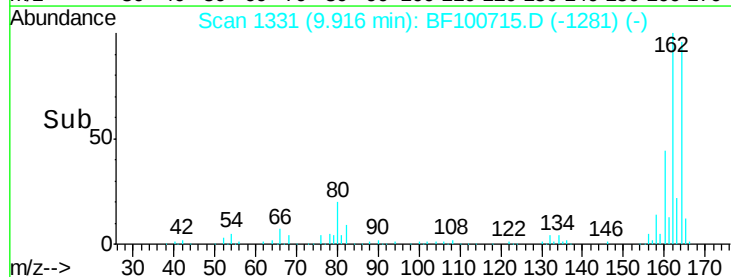
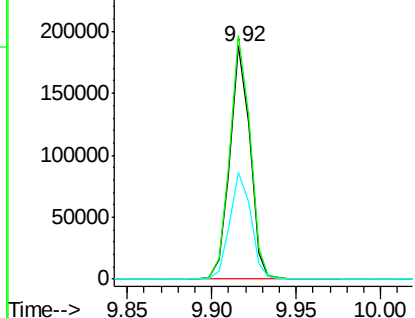


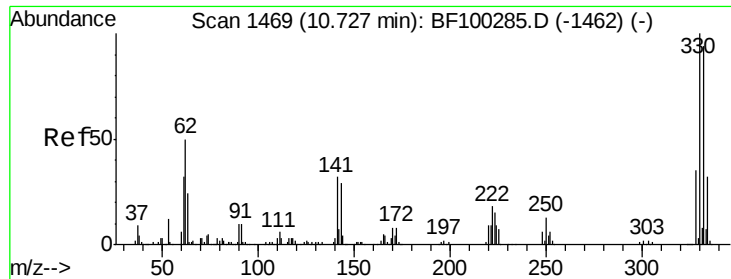
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Tgt Ion:164 Resp: 155319
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.6 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

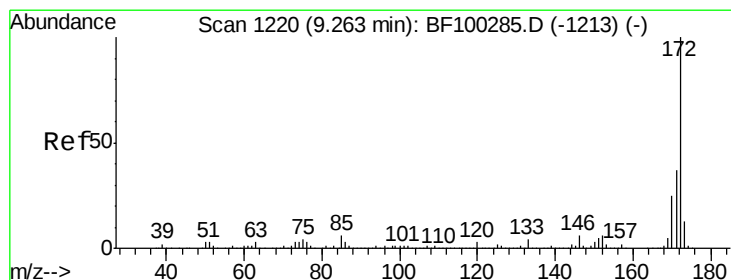
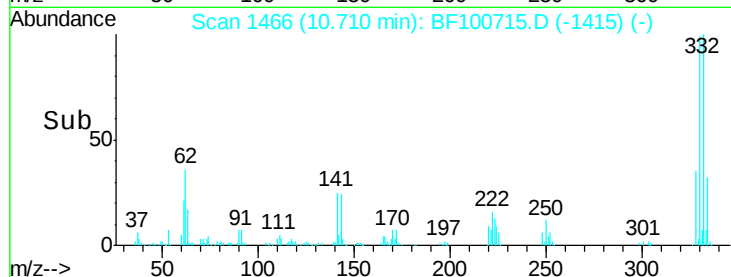
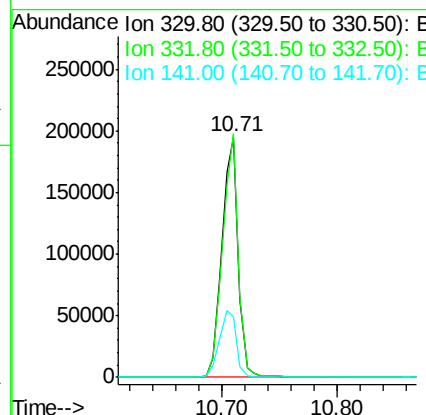
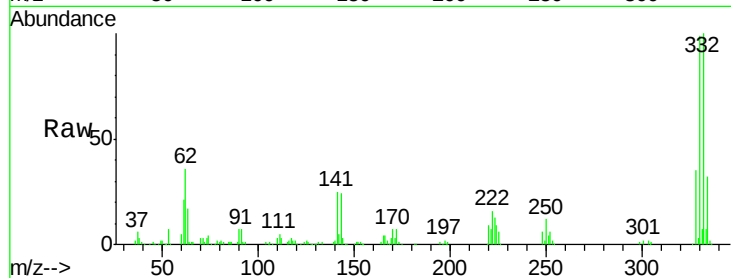




#41
 2,4,6-Tribromophenol
 Concen: 120.12 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

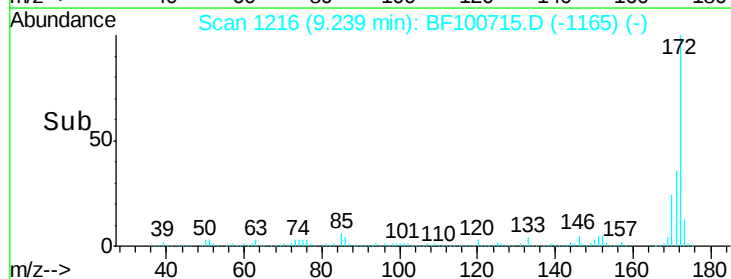
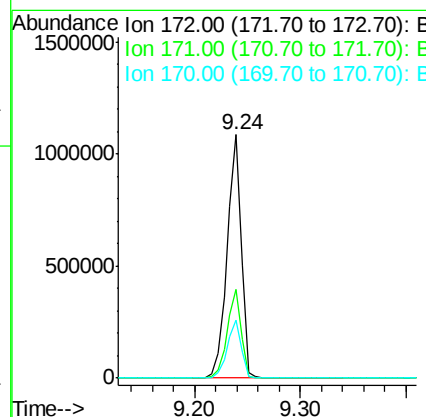
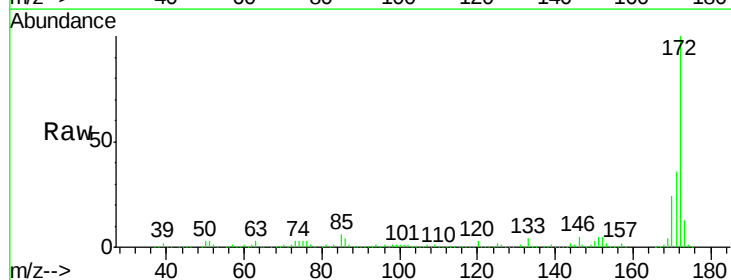
Instrument :
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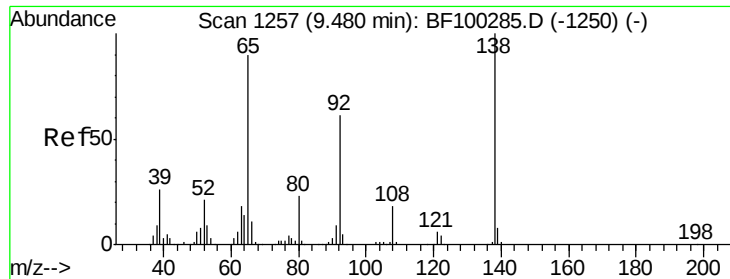
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	29.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 100.35 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

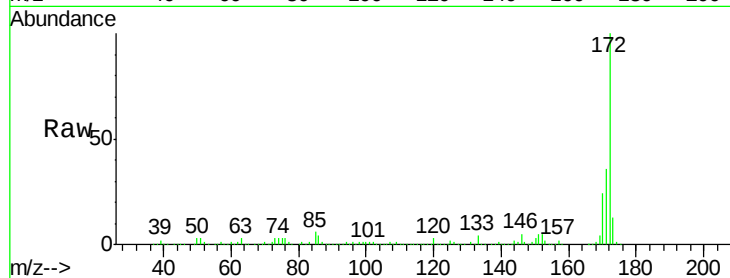




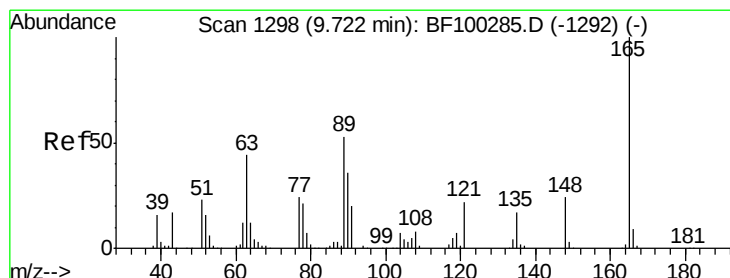
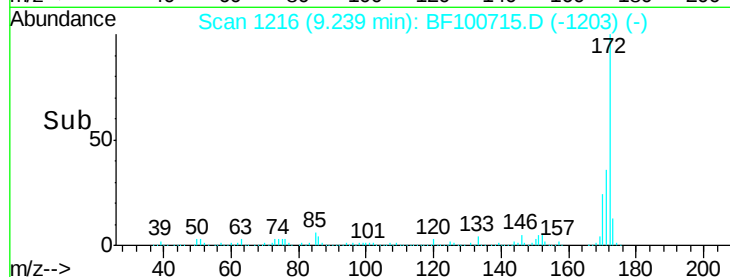
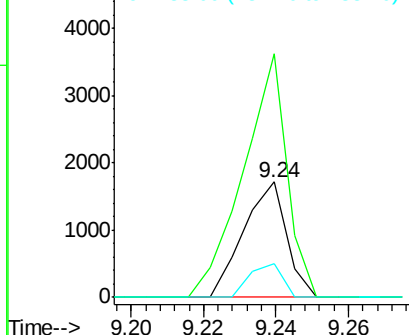
#47
2-Nitroaniline
Concen: 3.25 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.22 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

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

Tgt Ion: 65 Resp: 1428
Ion Ratio Lower Upper
65 100
92 211.3 55.8 83.6#
138 29.4 91.2 136.8#

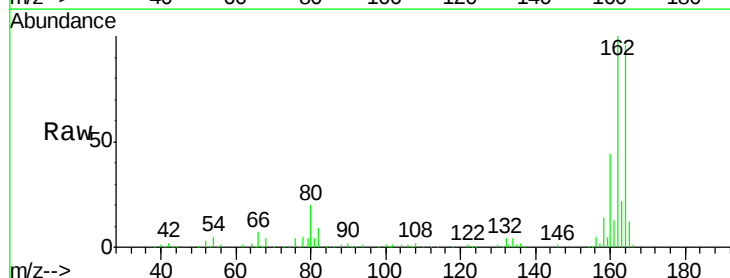


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

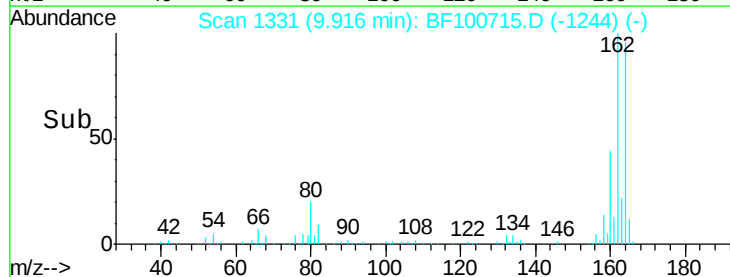
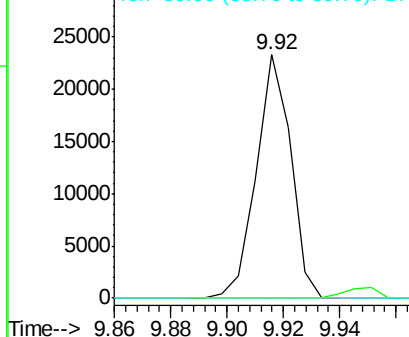


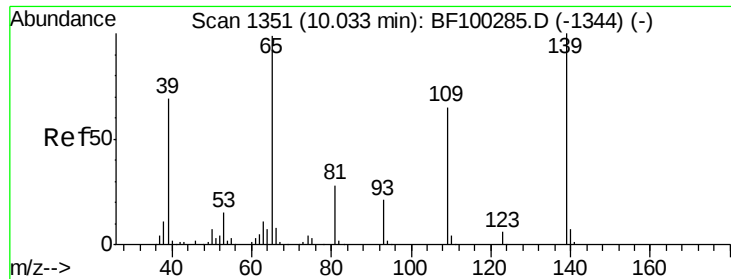
#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Tgt Ion: 165 Resp: 19718
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#55

4-Nitrophenol

Concen: 2.24 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.10 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Instrument :

BNA_F

ClientSampleId :

CL-01-111617-B

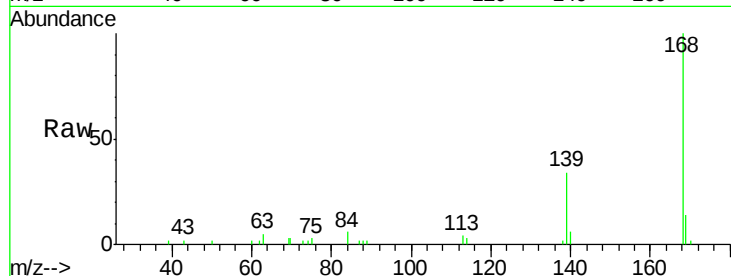
Tgt Ion:139 Resp: 5038

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

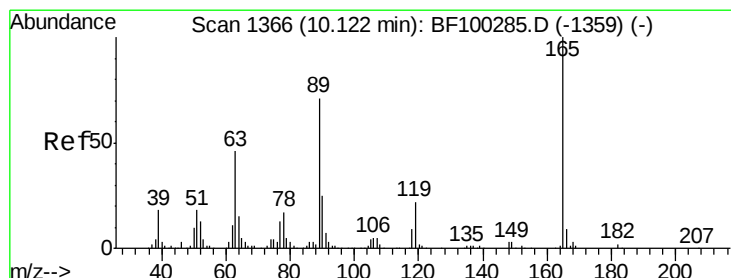
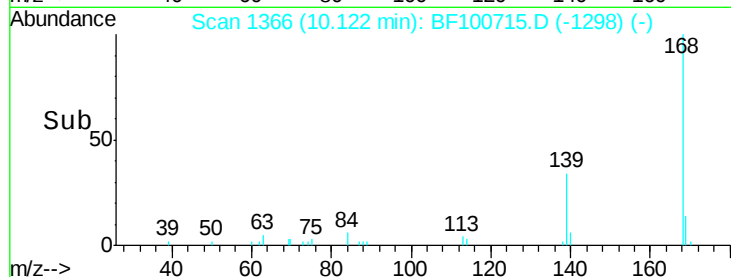
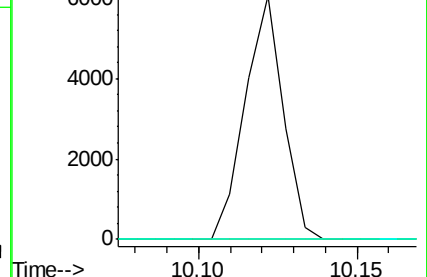
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.66 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF100715.D

Acq: 18 Nov 2017 11:44

Tgt Ion:165 Resp: 19718

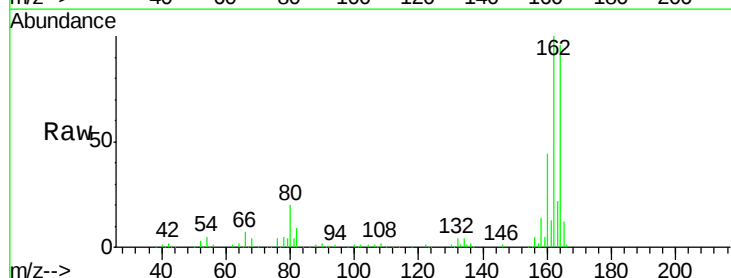
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

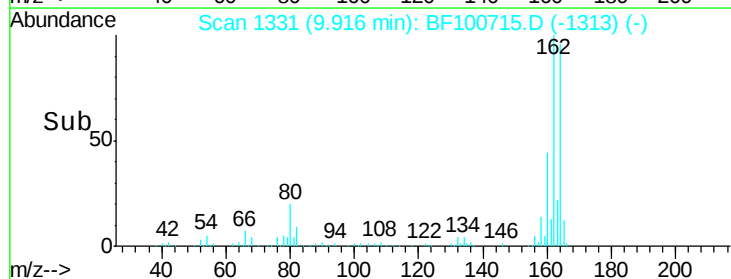
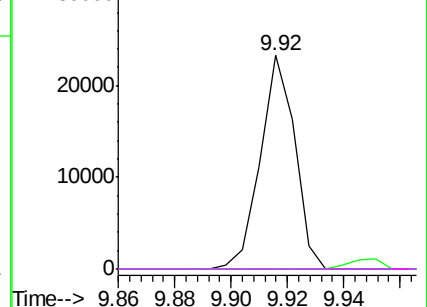


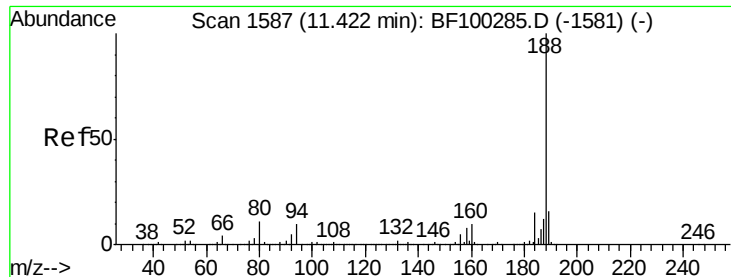
Abundance Ion 165.00 (164.70 to 165.70): E

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

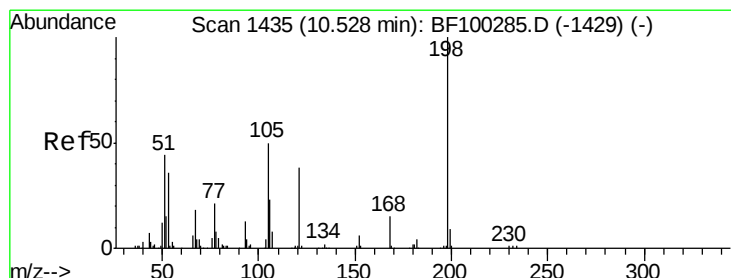
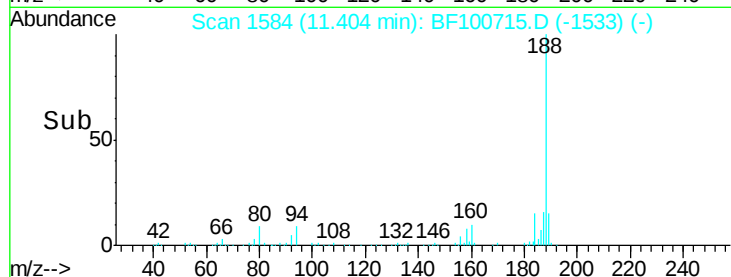
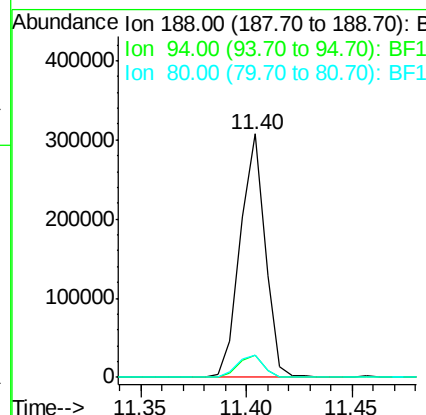
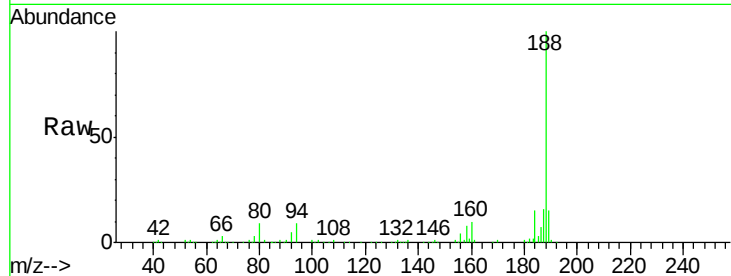




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

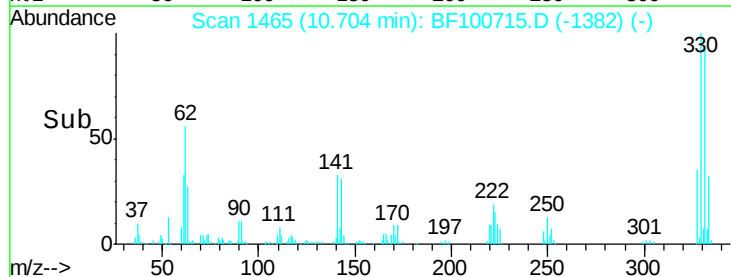
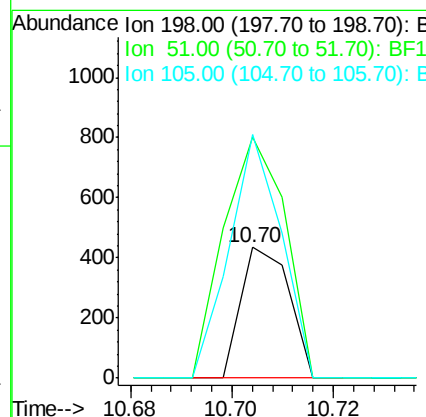
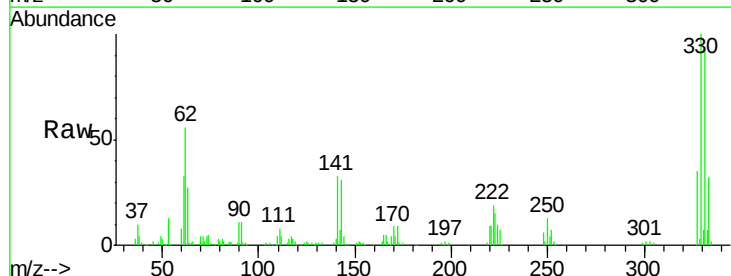
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-111617-B

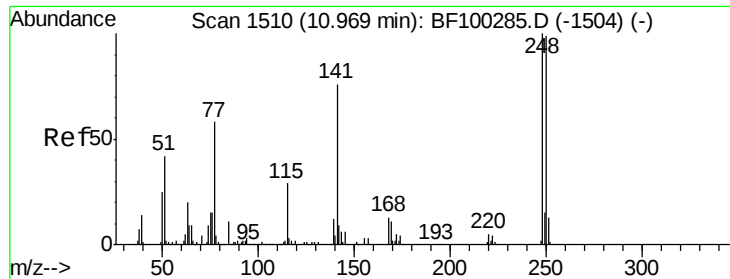
Tgt Ion:188 Resp: 250007
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 9.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.76 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

Tgt Ion:198 Resp: 286
 Ion Ratio Lower Upper
 198 100
 51 184.3 37.7 77.7#
 105 186.6 36.3 76.3#

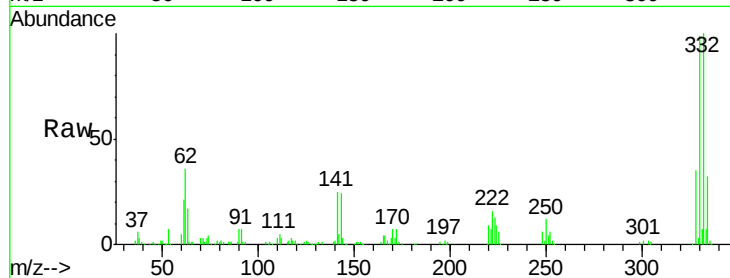




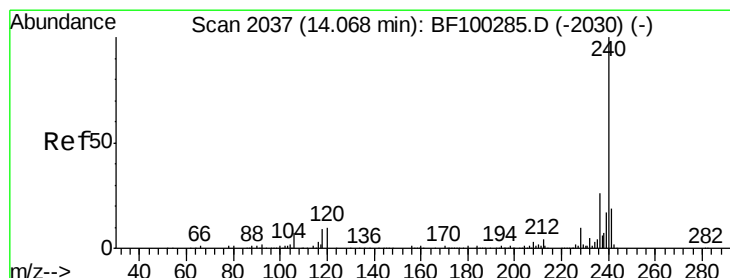
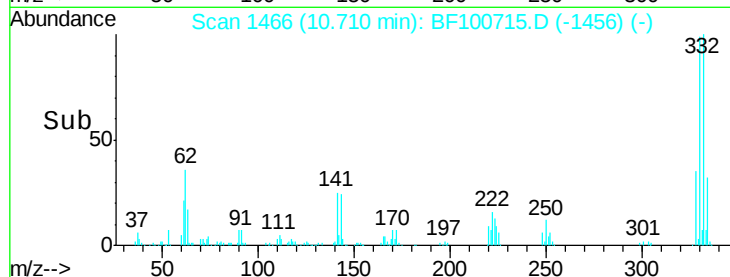
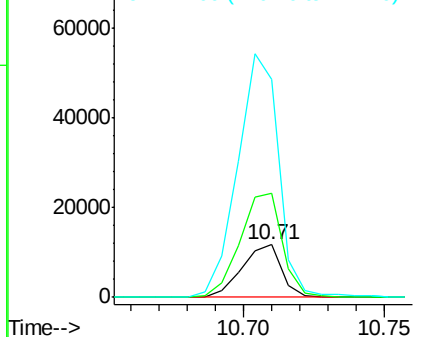
#66
4-Bromophenyl-phenylether
Concen: 4.24 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

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

Tgt Ion:248 Resp: 11354
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 417.9 74.4 111.6#

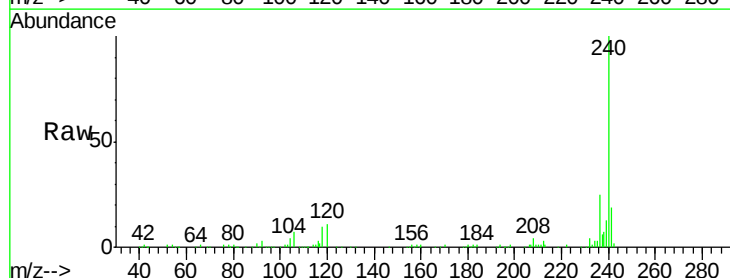


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

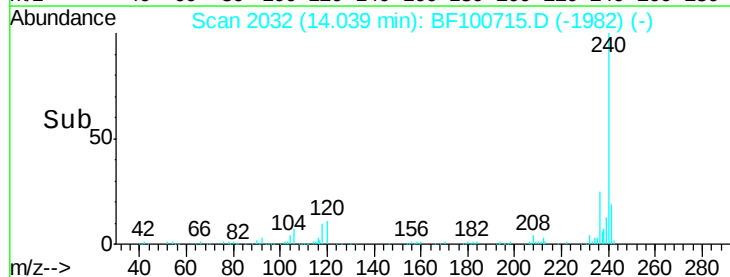
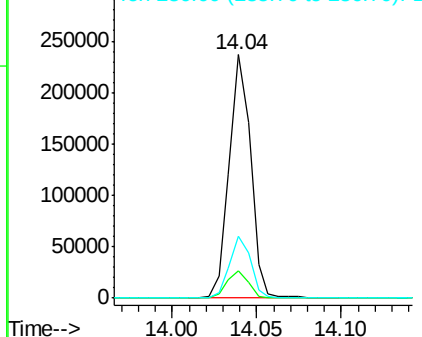


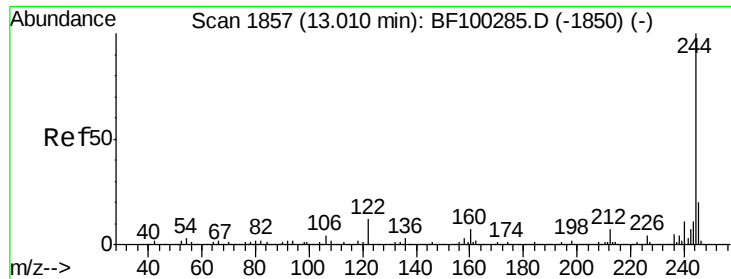
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100715.D
Acq: 18 Nov 2017 11:44

Tgt Ion:240 Resp: 209422
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.4 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

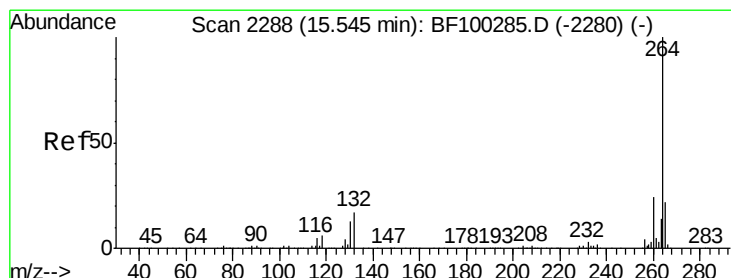
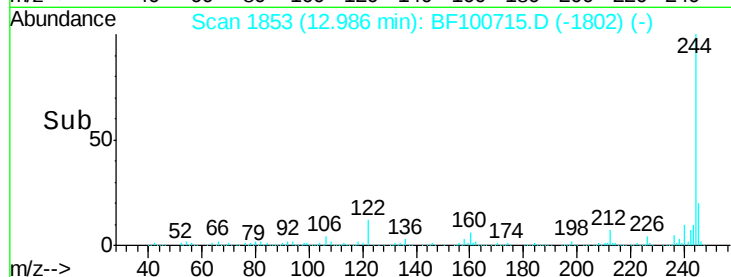
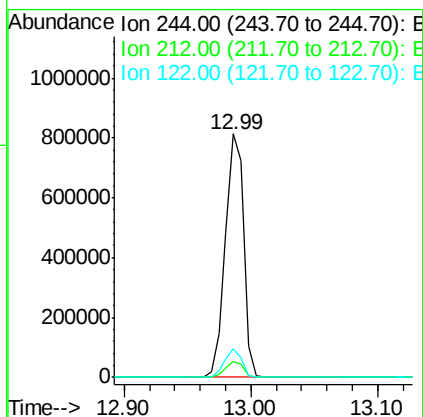
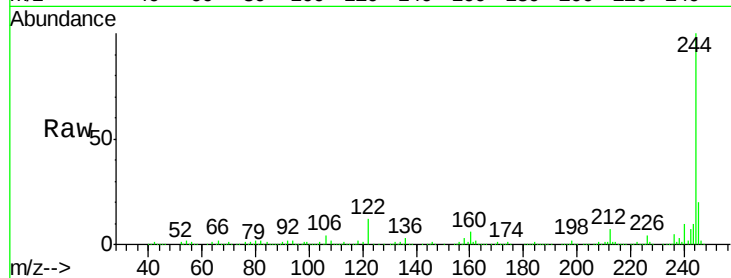




#78
 Terphenyl-d14
 Concen: 89.14 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF100715.D
 Acq: 18 Nov 2017 11:44

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

Tgt Ion: 244 Resp: 812442
 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: BF100715.D
 Acq: 18 Nov 2017 11:44

Tgt Ion: 264 Resp: 176877
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.2 28.8
 265 20.6 17.5 26.3

