

Data File : BF100657.D
Acq On : 17 Nov 2017 4:07
Operator : SJ/JU
Sample : I6491-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-S

Quant Time: Nov 17 05:53:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	92965	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	344210	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	139531	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	214465	20.00	ng	0.00
75) Chrysene-d12	14.04	240	206875	20.00	ng	0.00
86) Perylene-d12	15.52	264	212213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	230400	39.73	ng	0.00
7) Phenol-d6	6.50	99	164117	22.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	520150	99.91	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	109653	77.12	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	955454	104.27	ng	0.00
78) Terphenyl-d14	12.99	244	634227	70.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	67726	13.66	ng	# 80
25) Isophorone	7.45	82	518702	47.41	ng	# 64
47) 2-Nitroaniline	9.24	65	1357	3.28	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	17641	8.37	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	17641	6.63	ng	# 21
66) 4-Bromophenyl-phenylether	10.70	248	7014	3.05	ng	# 1

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

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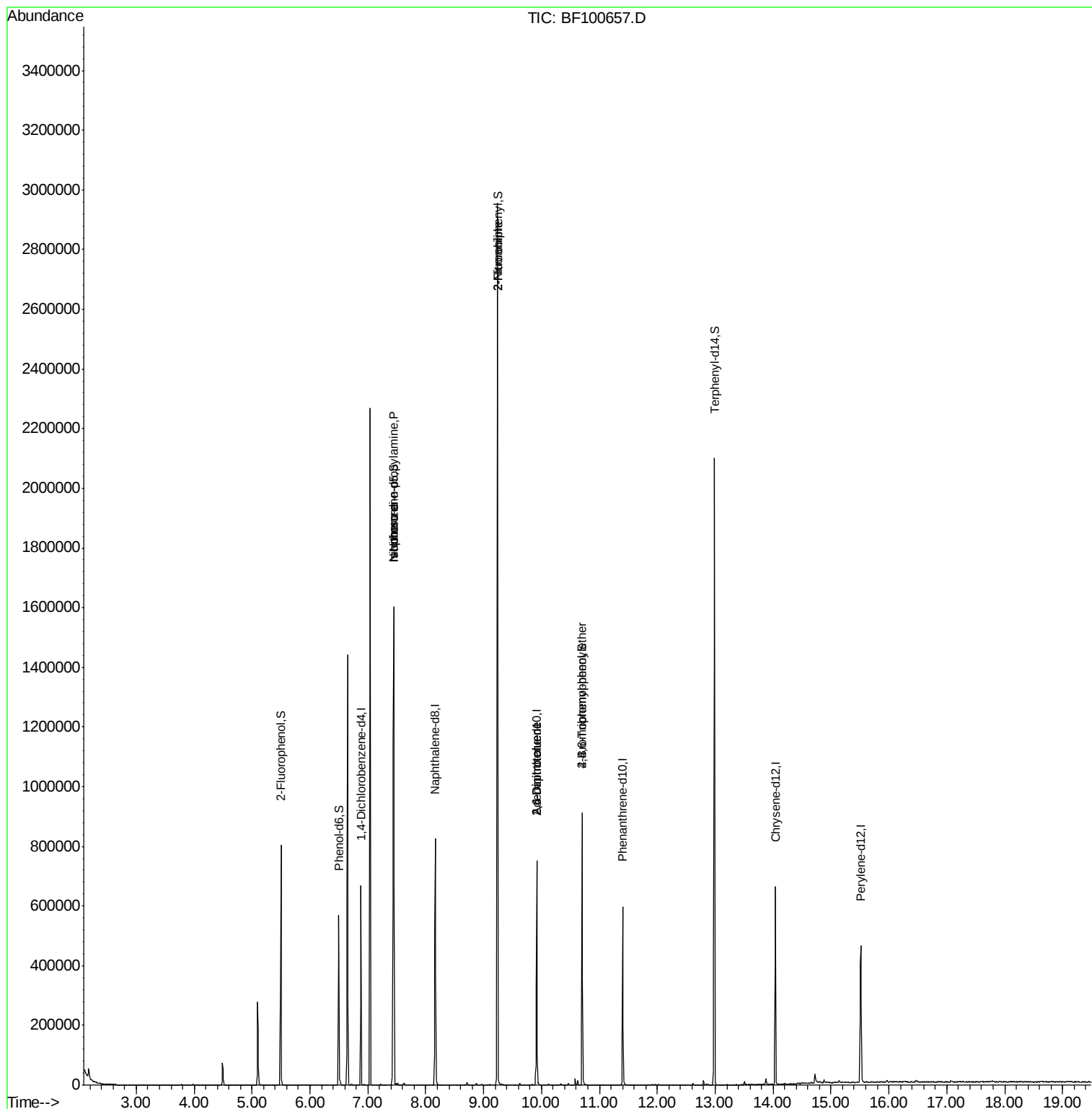
Quant Time: Nov 17 05:53:03 2017

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 16 12:15:03 2017

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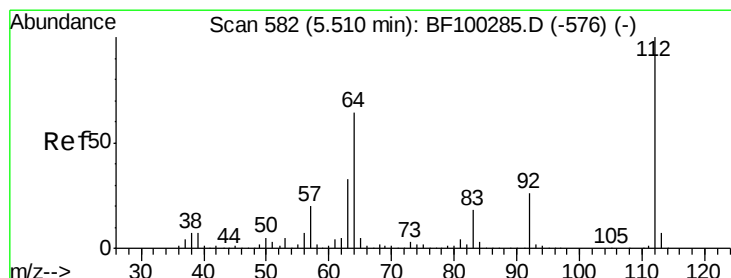
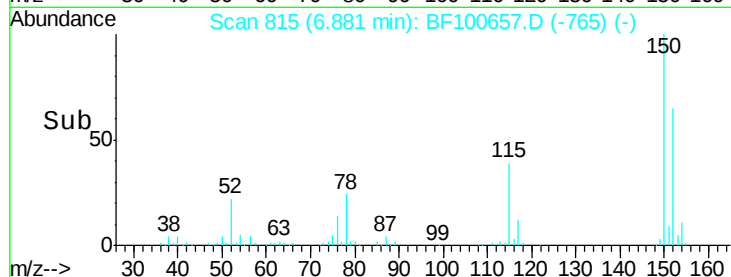
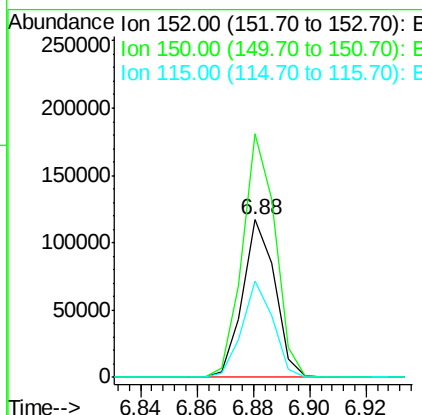
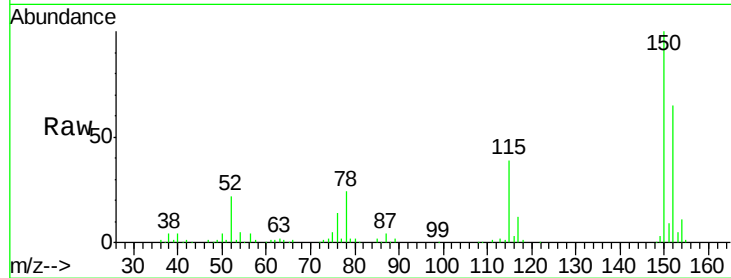




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

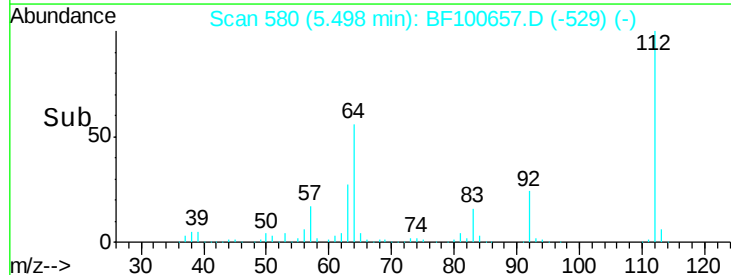
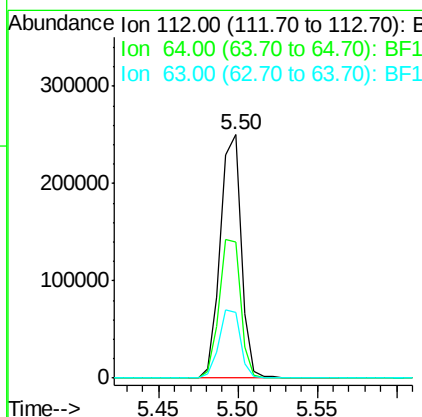
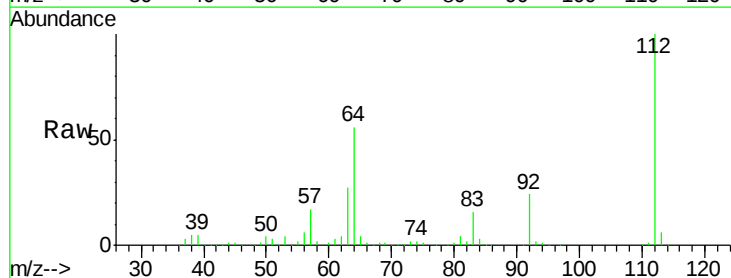
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-S

Tgt Ion:152 Resp: 92965
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 61.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.73 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion:112 Resp: 230400
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.9 71.9
 63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 22.95 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100657.D

Acq: 17 Nov 2017 4:07

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-S

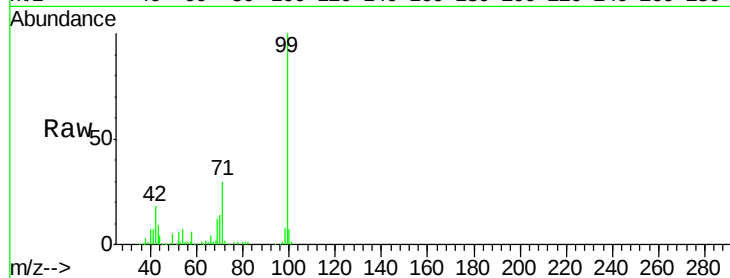
Tgt Ion: 99 Resp: 164117

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

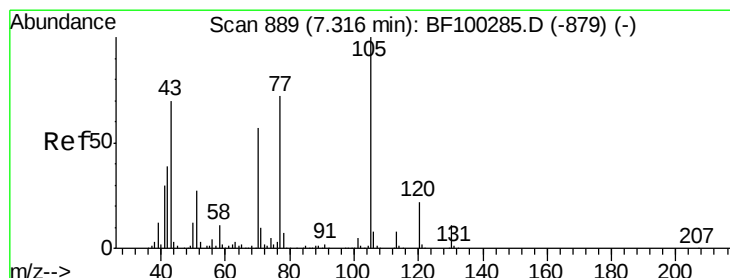
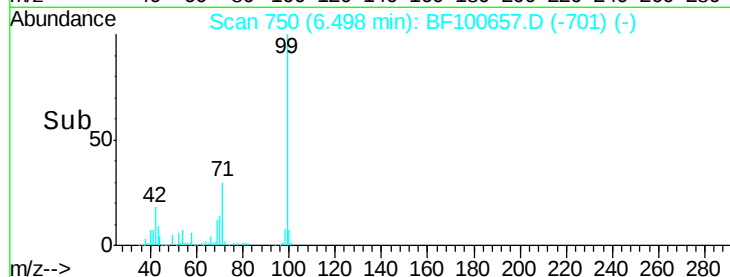
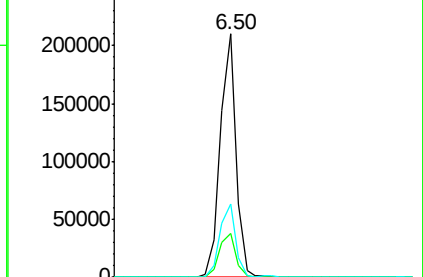
71 30.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.66 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100657.D

Acq: 17 Nov 2017 4:07

Tgt Ion: 70 Resp: 67726

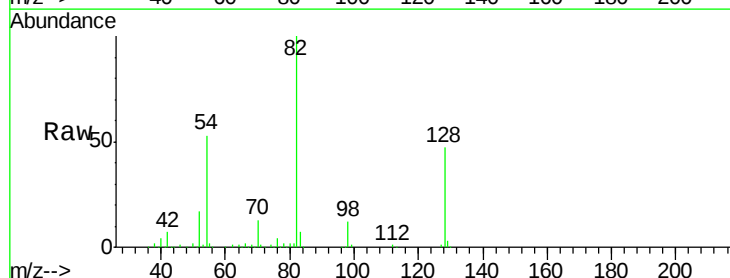
Ion Ratio Lower Upper

70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

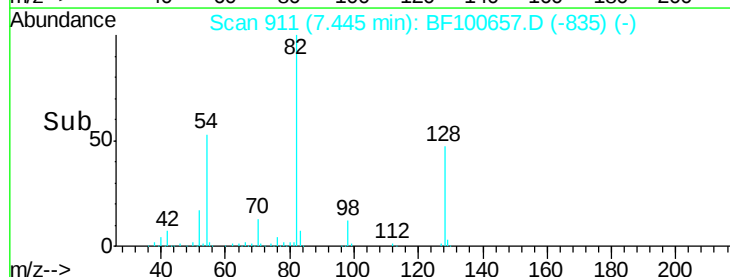
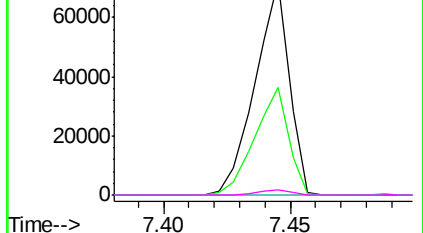


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

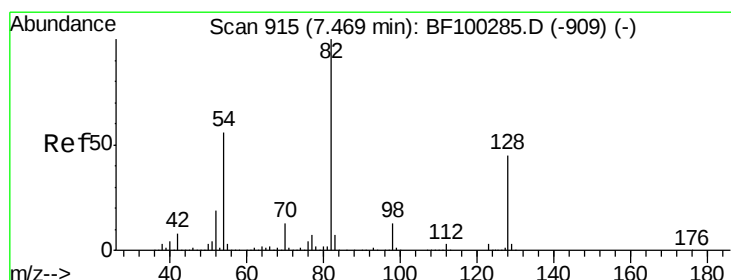
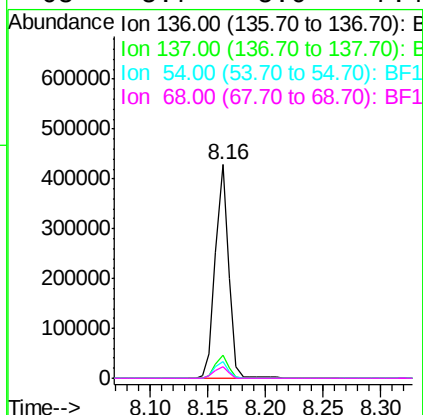
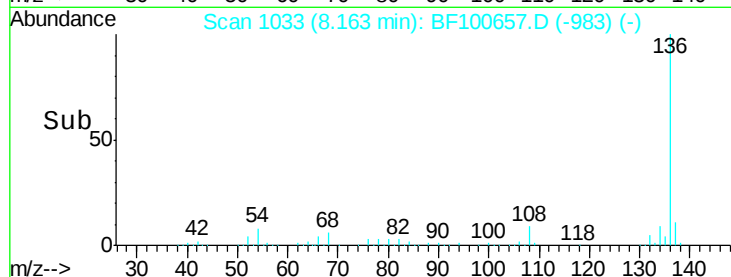
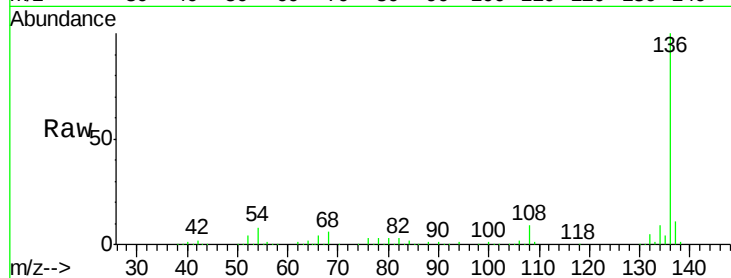




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100657.D
Acq: 17 Nov 2017 4:07

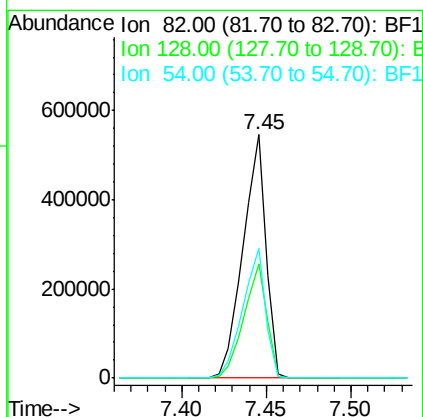
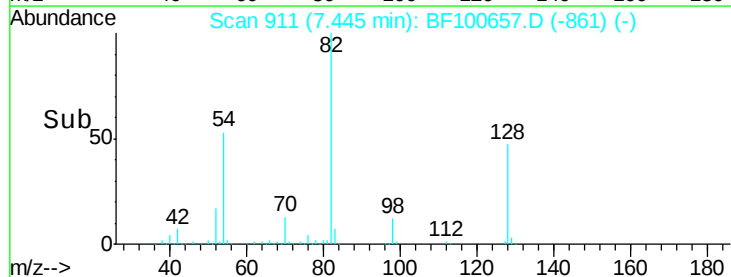
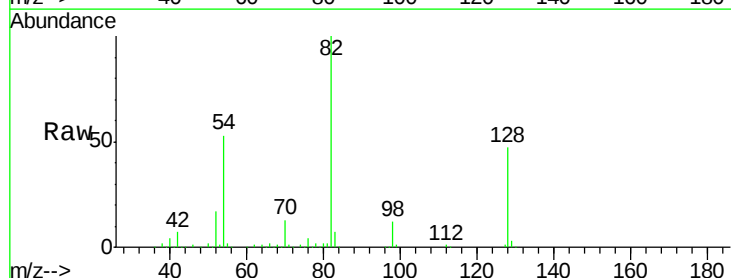
Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-S

Tgt Ion:	136	Resp:	344210
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 99.91 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100657.D
Acq: 17 Nov 2017 4:07

Tgt Ion:	82	Resp:	520150
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	53.2	41.4	62.2





#25

Isophorone

Concen: 47.41 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100657.D

Acq: 17 Nov 2017 4:07

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-S

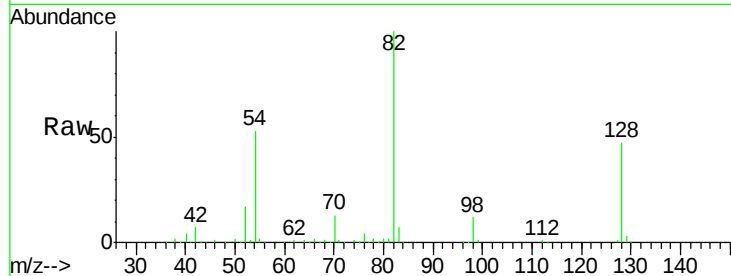
Tgt Ion: 82 Resp: 518702

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

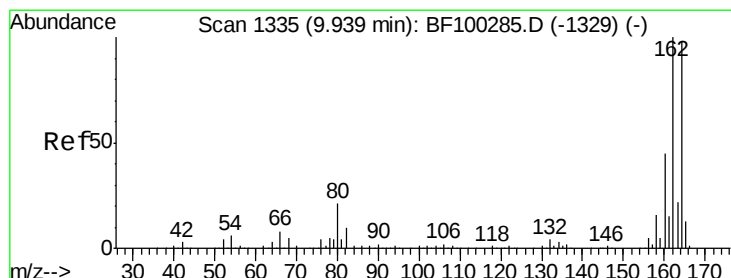
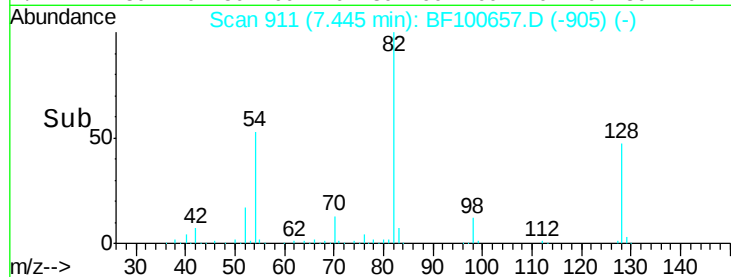
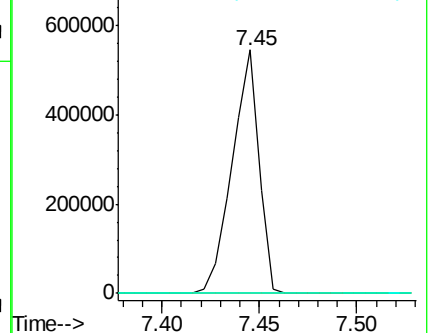
138 0.0 14.9 22.3#



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: BF100657.D

Acq: 17 Nov 2017 4:07

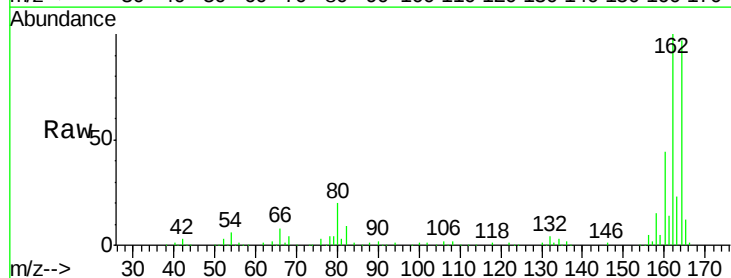
Tgt Ion: 164 Resp: 139531

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

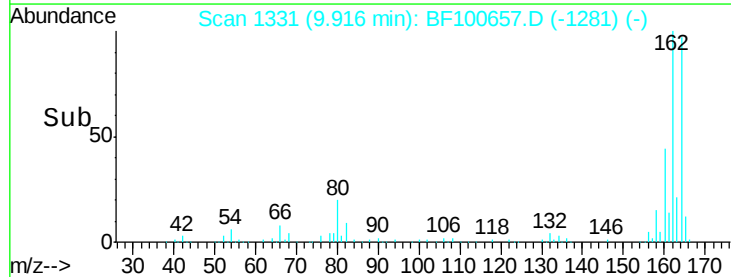
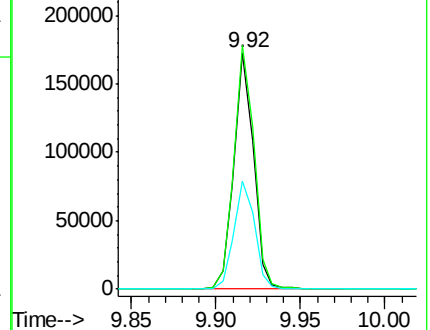
160 45.8 38.3 57.5

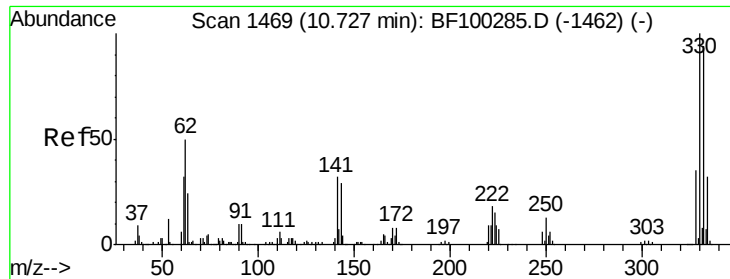


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

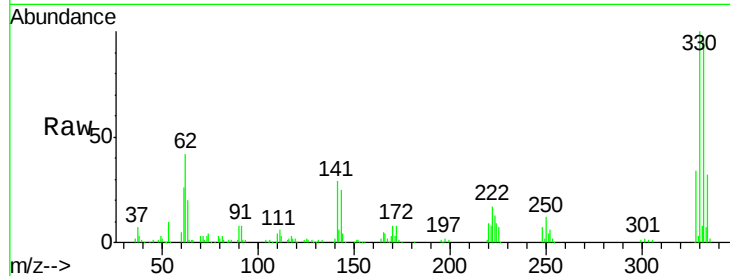




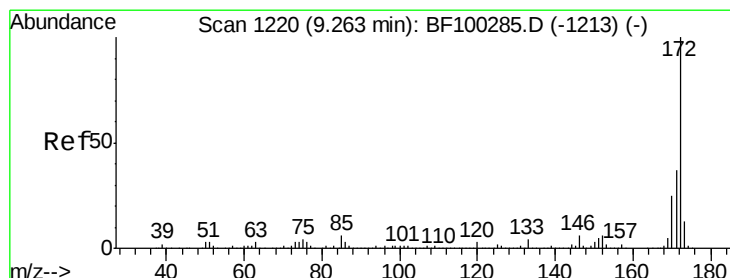
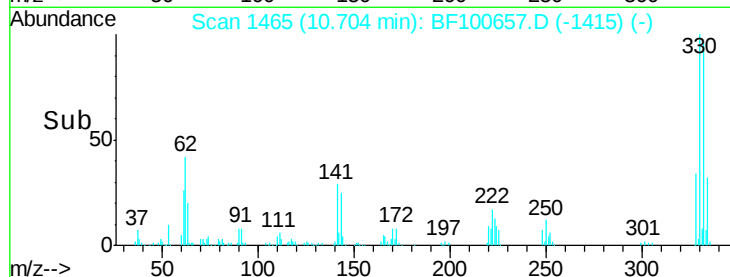
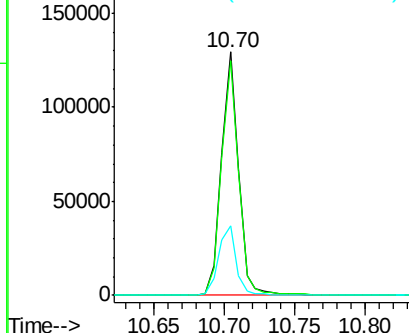
#41
 2,4,6-Tribromophenol
 Concen: 77.12 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.4	29.9	44.9#

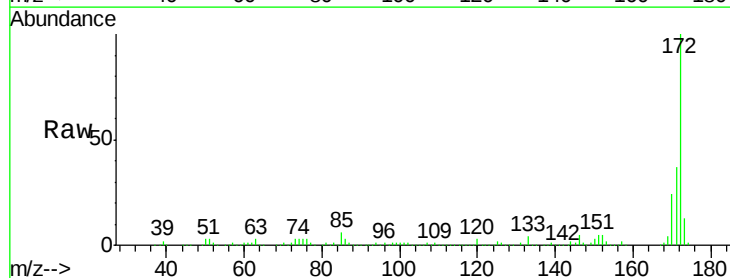


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

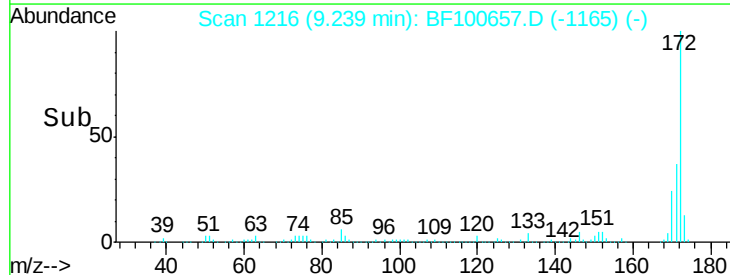
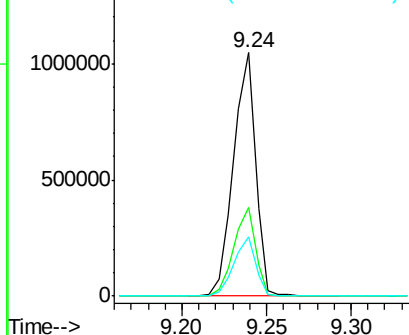


#44
 2-Fluorobiphenyl
 Concen: 104.27 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	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

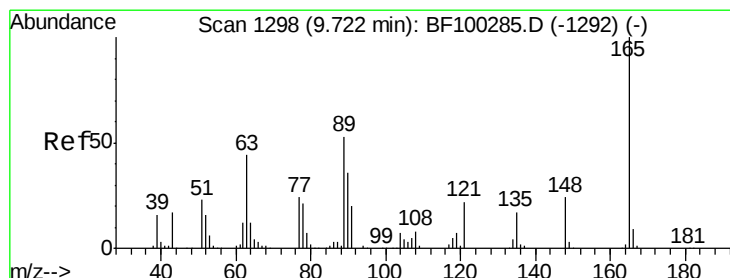
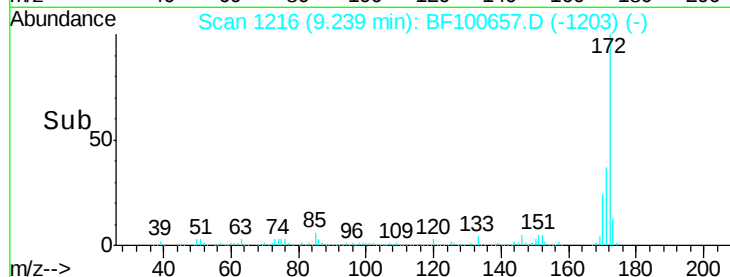
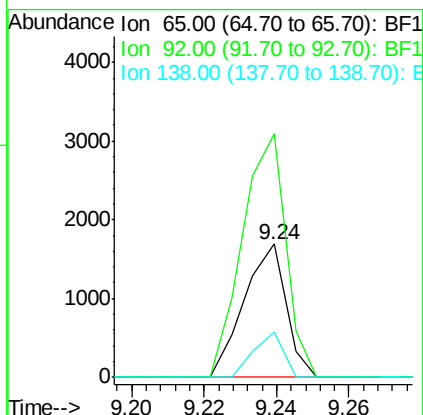
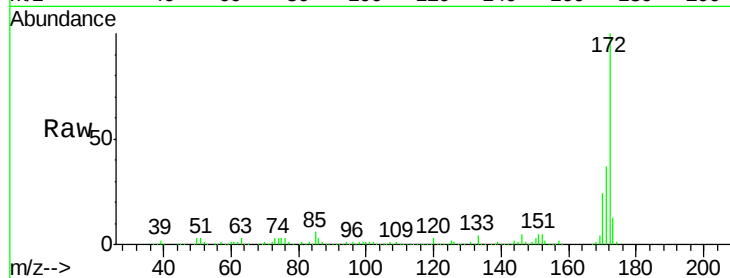




#47
 2-Nitroaniline
 Concen: 3.28 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

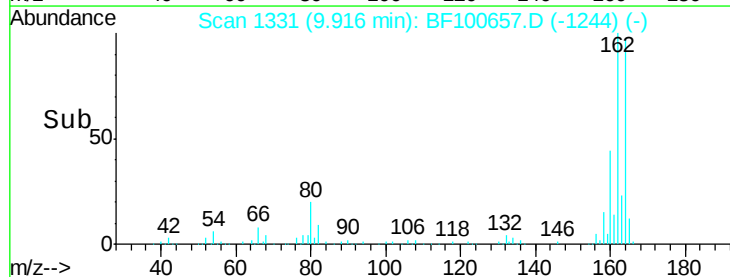
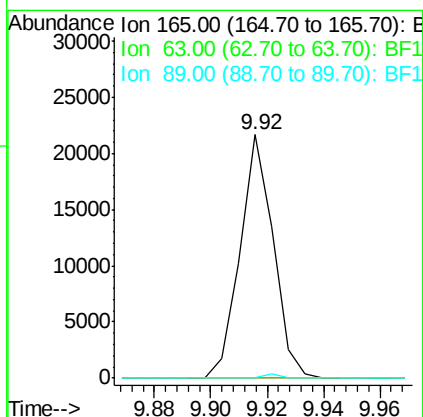
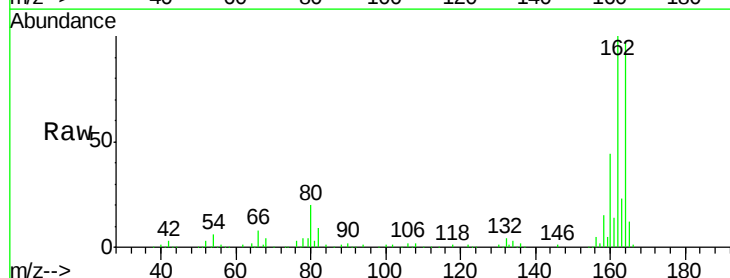
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-S

Tgt Ion: 65 Resp: 1357
 Ion Ratio Lower Upper
 65 100
 92 183.2 55.8 83.6#
 138 34.4 91.2 136.8#



#50
 2,6-Dinitrotoluene
 Concen: 8.37 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion: 165 Resp: 17641
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

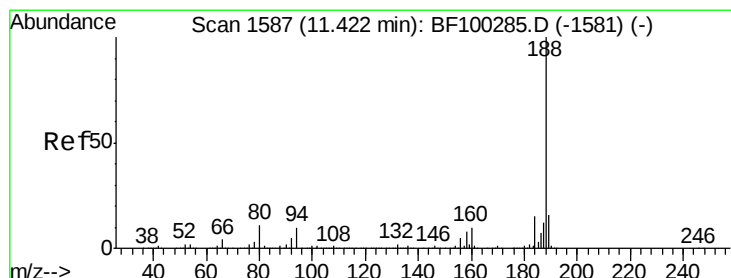
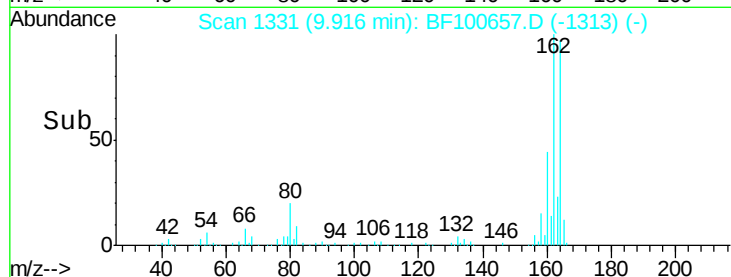
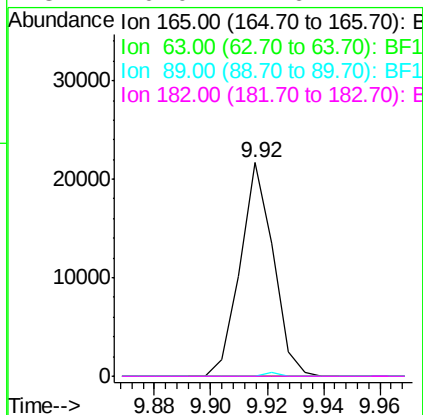
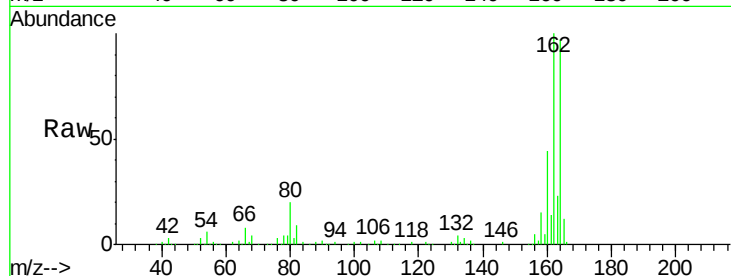




#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

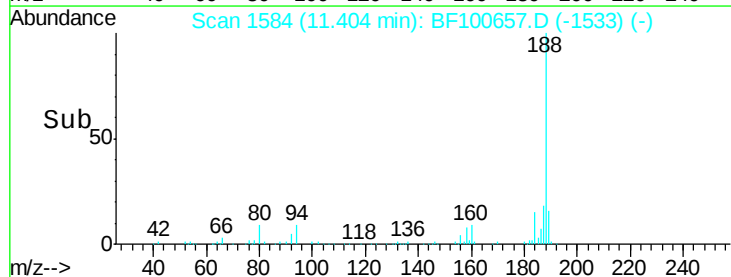
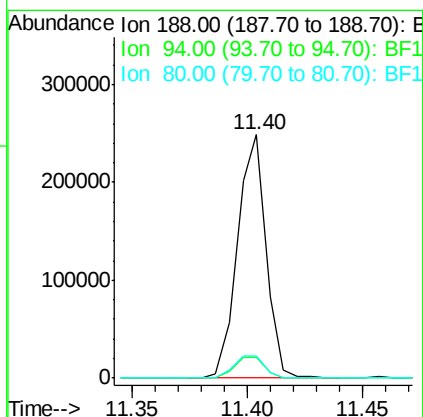
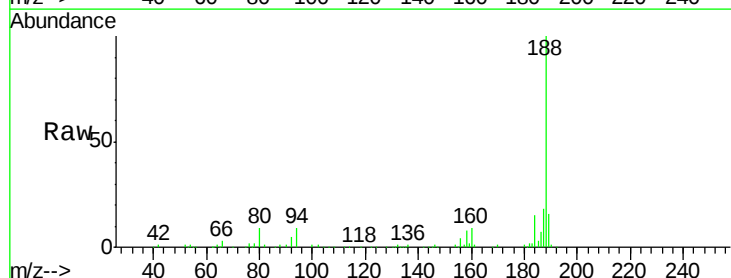
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-S

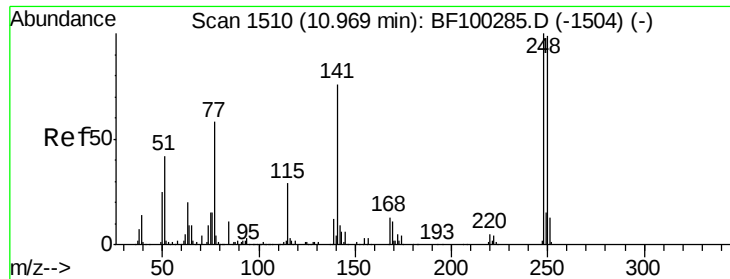
Tgt Ion:	165	Resp:	17641
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion:	188	Resp:	214465
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7
80	8.9	9.2	13.8#

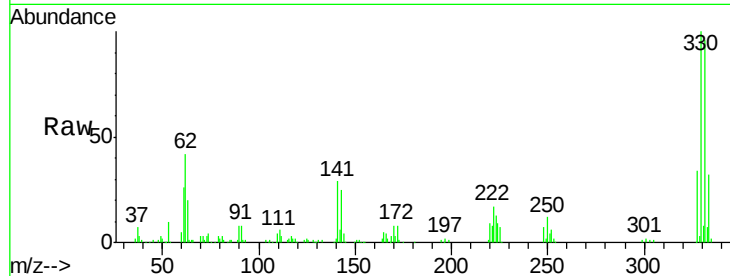




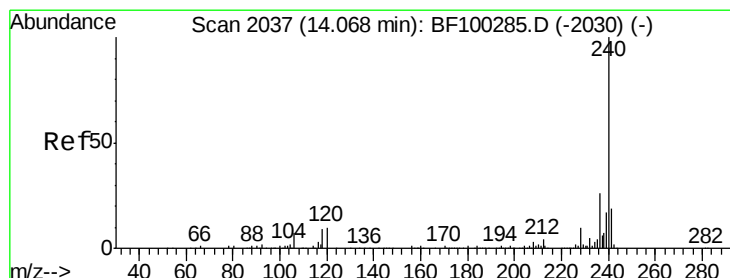
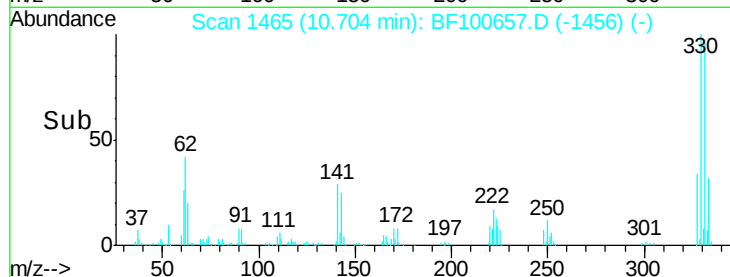
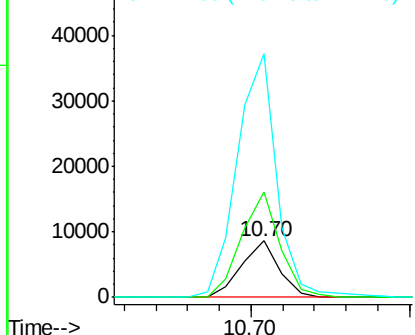
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100657.D
Acq: 17 Nov 2017 4:07

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-S

Tgt Ion:248 Resp: 7014
Ion Ratio Lower Upper
248 100
250 186.0 76.9 115.3#
141 430.2 74.4 111.6#

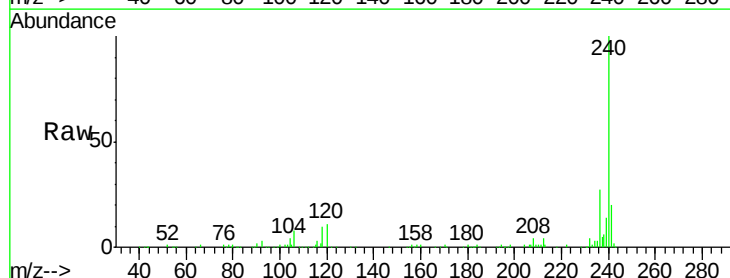


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

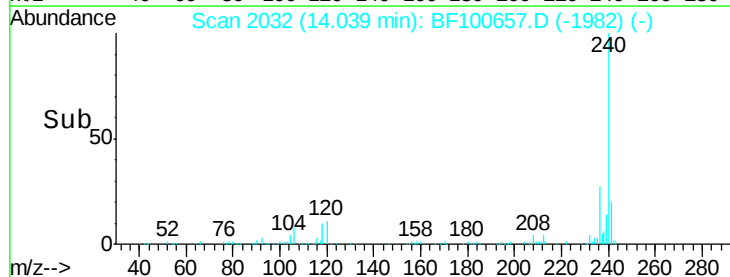
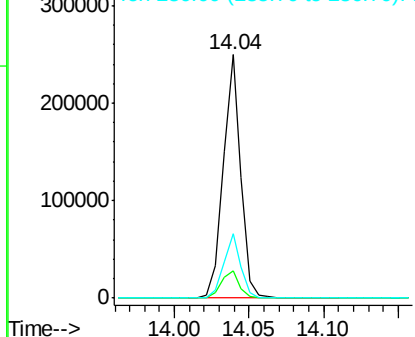


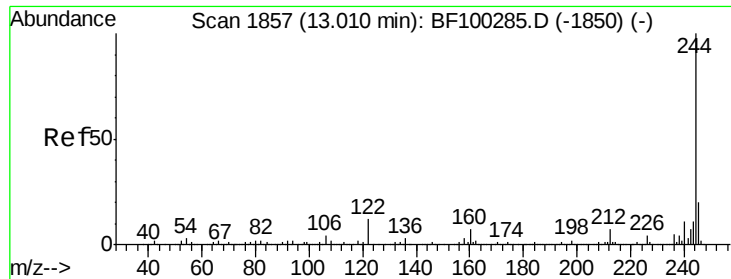
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100657.D
Acq: 17 Nov 2017 4:07

Tgt Ion:240 Resp: 206875
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.6 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

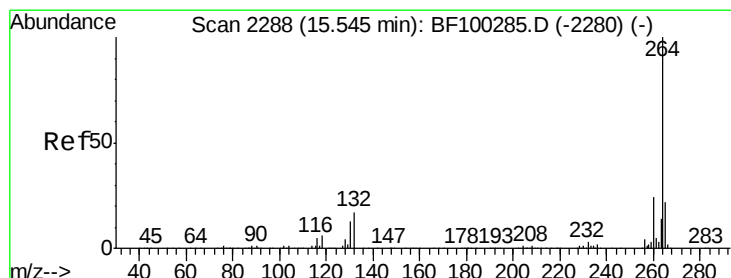
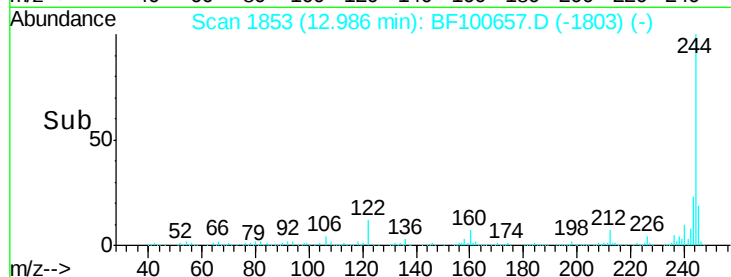
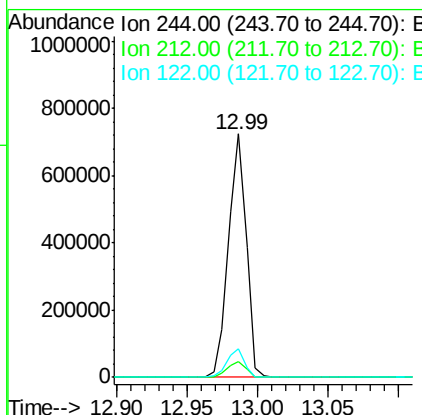
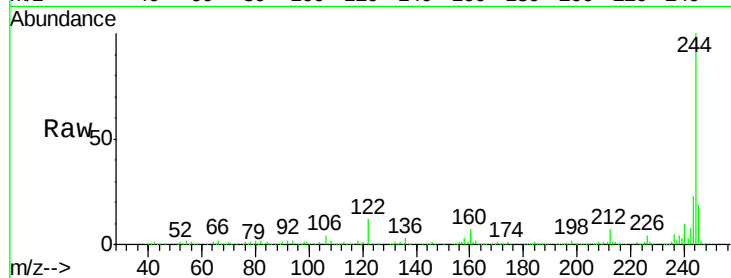




#78
 Terphenyl-d14
 Concen: 70.44 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-S

Tgt Ion: 244 Resp: 634227
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.6 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: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion: 264 Resp: 212213
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.0 17.5 26.3

