

Data File : BF100647.D
Acq On : 16 Nov 2017 23:38
Operator : SJ/JU
Sample : PB104306BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104306BL

Quant Time: Nov 17 01:13:07 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	104532	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	405900	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	184192	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	317332	20.00	ng	0.00
75) Chrysene-d12	14.04	240	228227	20.00	ng	0.00
86) Perylene-d12	15.52	264	199038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	411505	63.10	ng	0.00
7) Phenol-d6	6.50	99	491012	61.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	448163	73.00	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	100778	53.69	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	893635	73.88	ng	0.00
78) Terphenyl-d14	12.99	244	669820	67.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	57655	10.34	ng	# 80
25) Isophorone	7.45	82	447780	34.71	ng	# 64
47) 2-Nitroaniline	9.24	65	1367	3.16	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	23461	8.43	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	23461	6.68	ng	# 21

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

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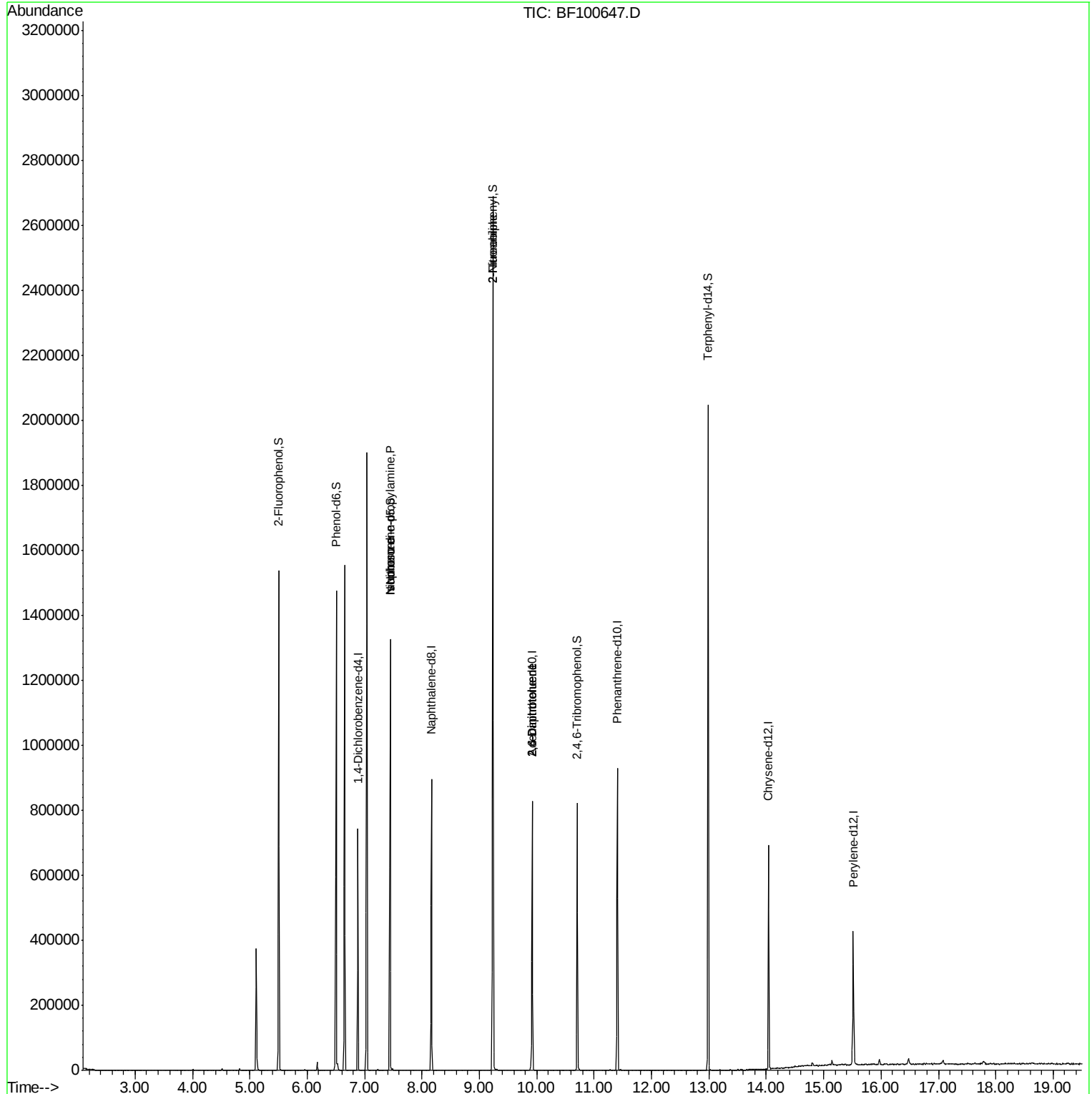
Quant Time: Nov 17 01:13:07 2017

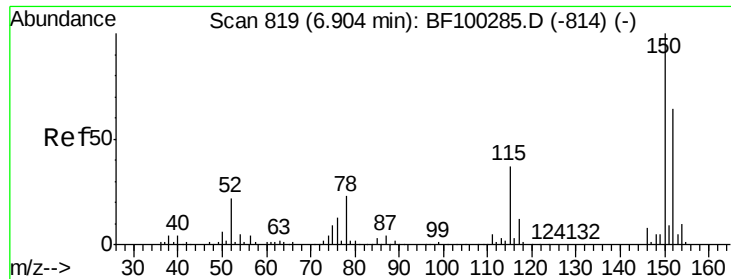
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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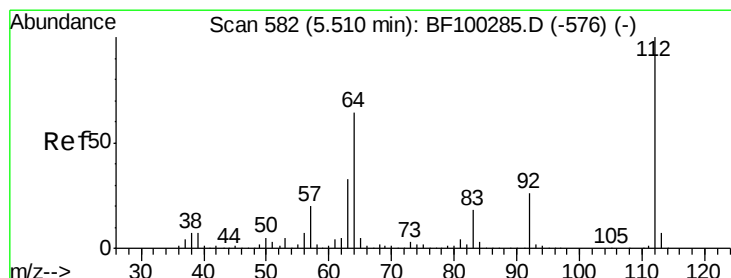
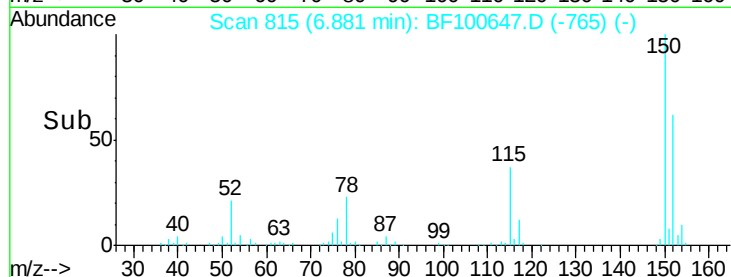
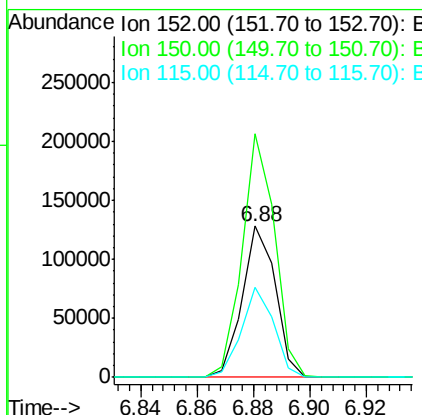
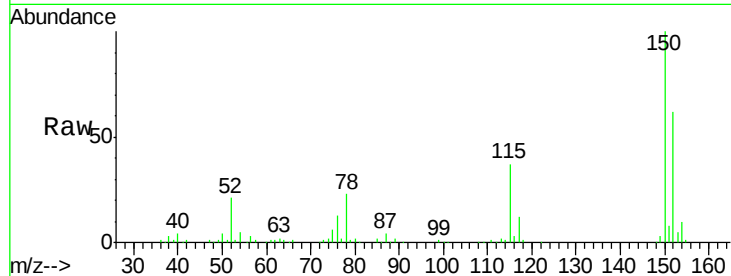




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

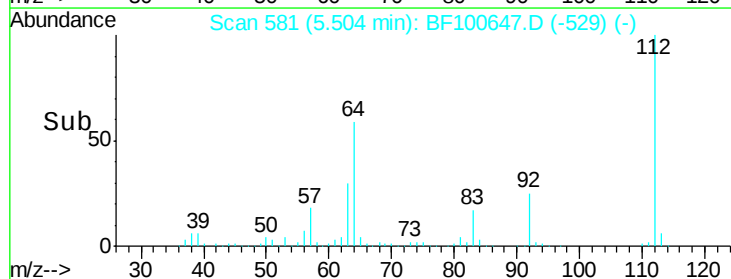
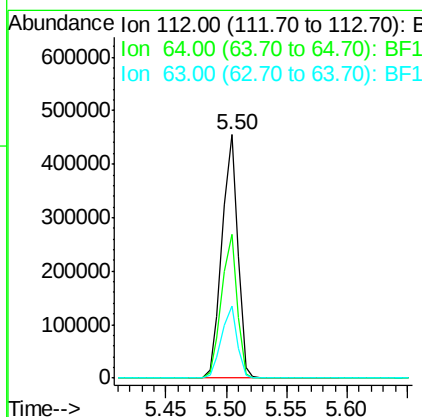
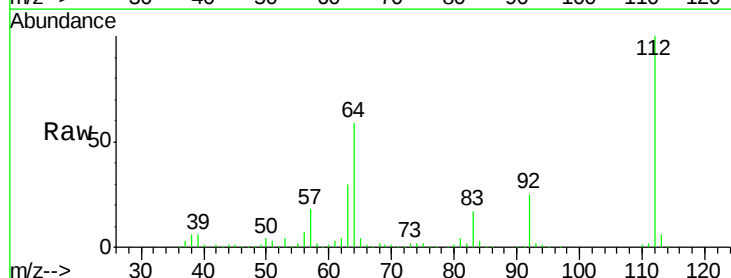
Instrument :
 BNA_F
 ClientSampleID :
 PB104306BL

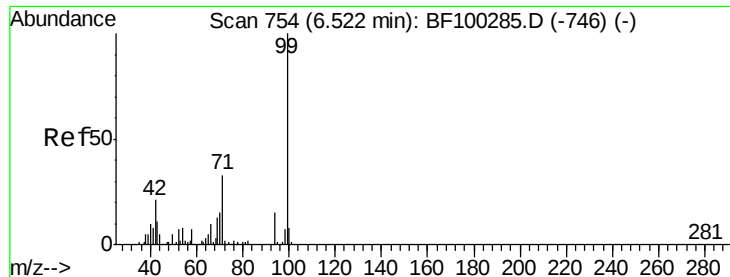
Tgt Ion:152 Resp: 104532
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 59.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 63.10 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

Tgt Ion:112 Resp: 411505
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 61.06 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Instrument :

BNA_F

ClientSampleId :

PB104306BL

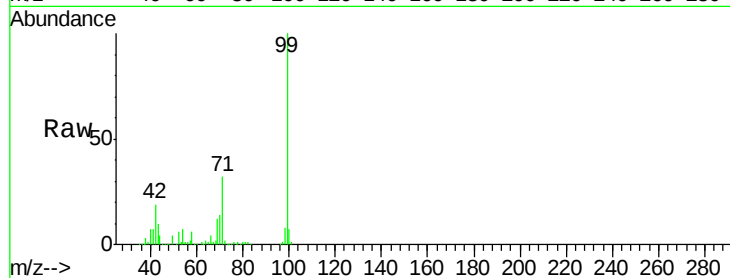
Tgt Ion: 99 Resp: 491012

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

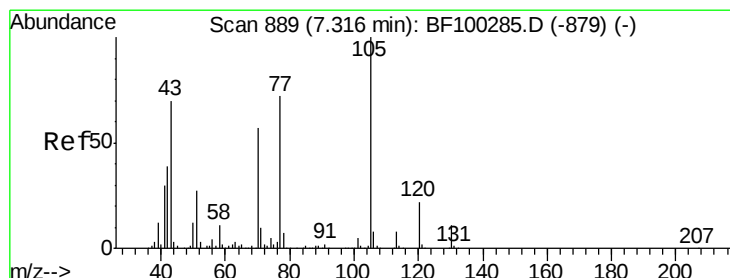
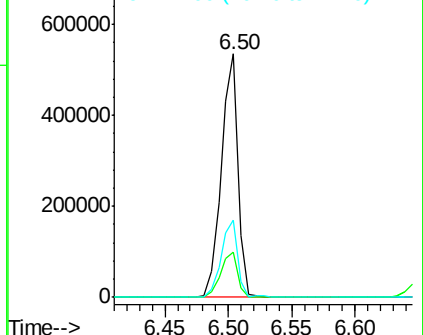
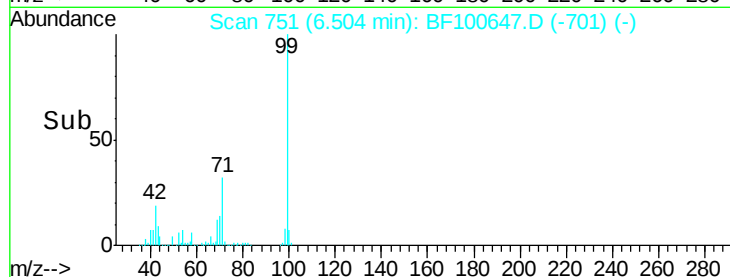
71 31.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.34 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Tgt Ion: 70 Resp: 57655

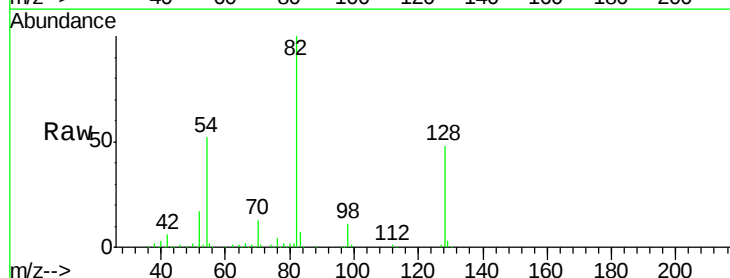
Ion Ratio Lower Upper

70 100

42 49.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

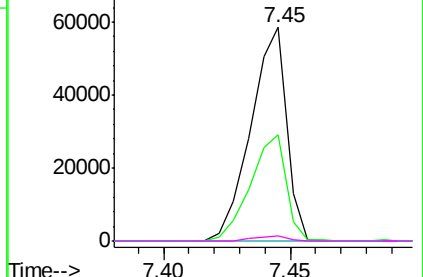
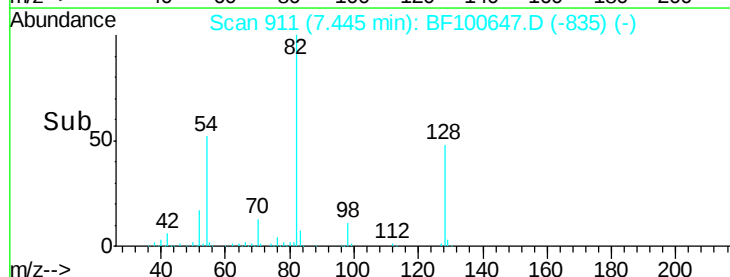


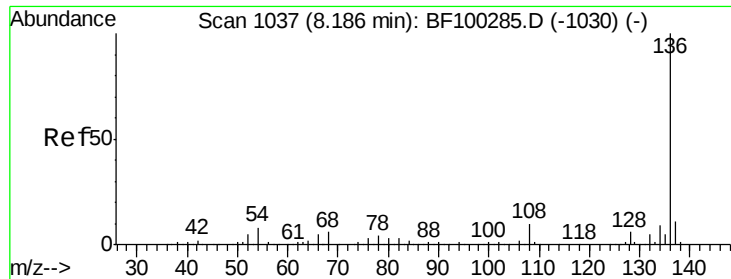
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

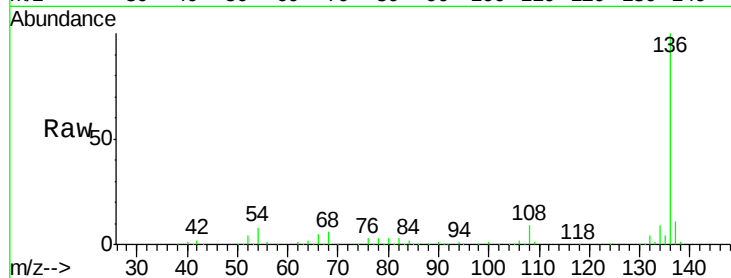




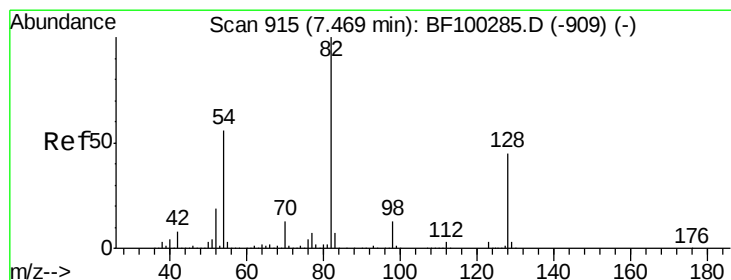
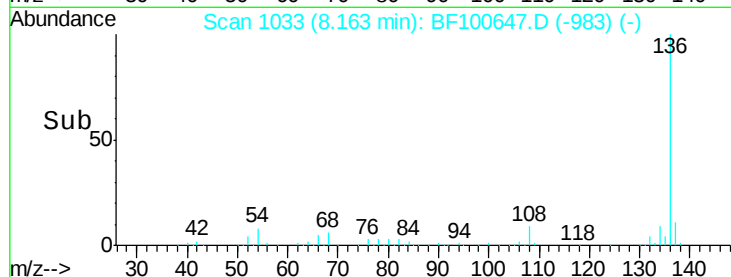
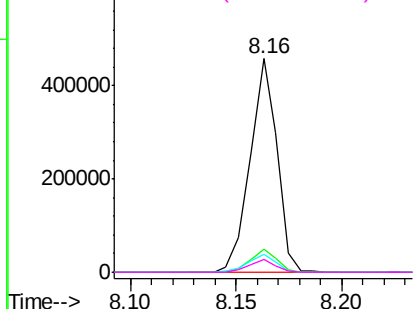
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100647.D
Acq: 16 Nov 2017 23:38

Instrument :
BNA_F
ClientSampleId :
PB104306BL

Tgt Ion:	136	Resp:	405900
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.6	9.8
68	6.0	5.0	7.4

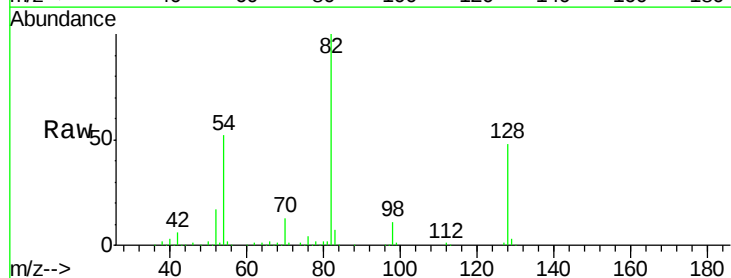


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

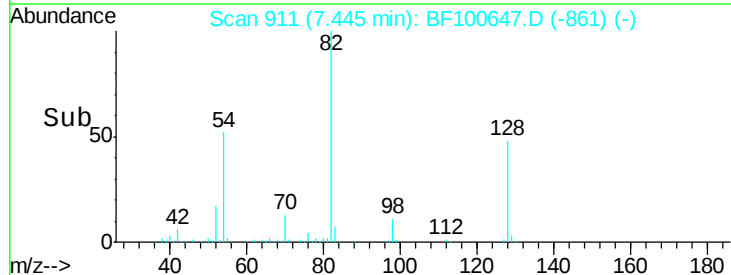
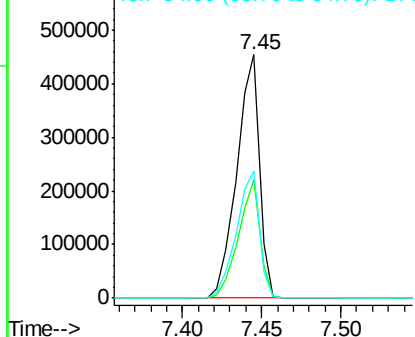


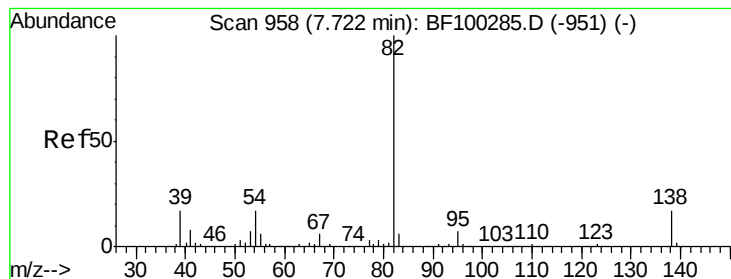
#23
Nitrobenzene-d5
Concen: 73.00 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100647.D
Acq: 16 Nov 2017 23:38

Tgt Ion:	82	Resp:	448163
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	52.4	41.4	62.2



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





#25

Isophorone

Concen: 34.71 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Instrument :

BNA_F

ClientSampleId :

PB104306BL

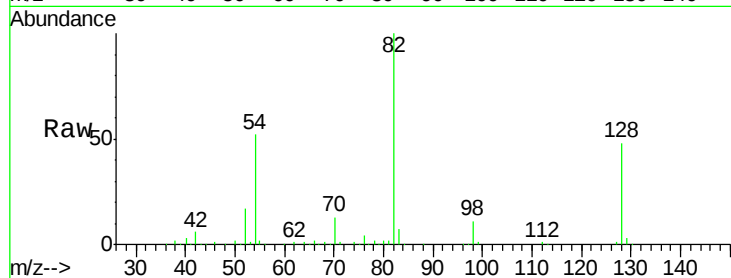
Tgt Ion: 82 Resp: 447780

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

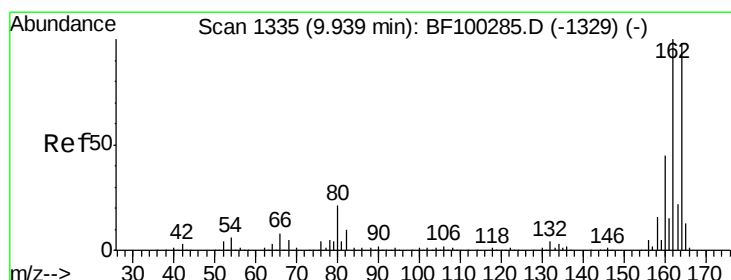
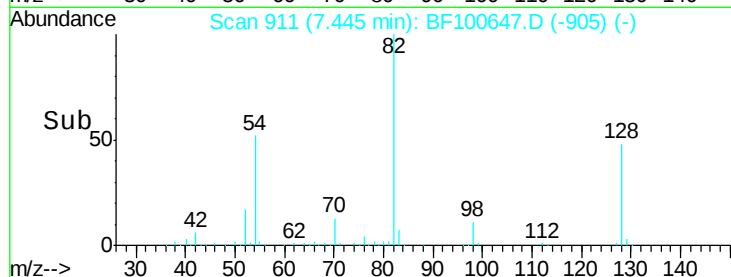
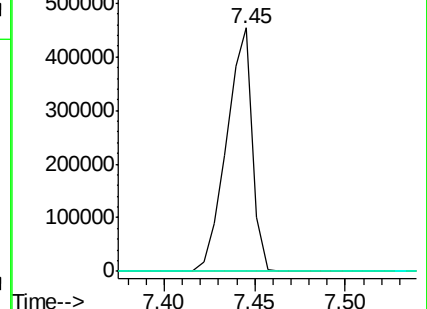
138 0.0 14.9 22.3#



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: BF100647.D

Acq: 16 Nov 2017 23:38

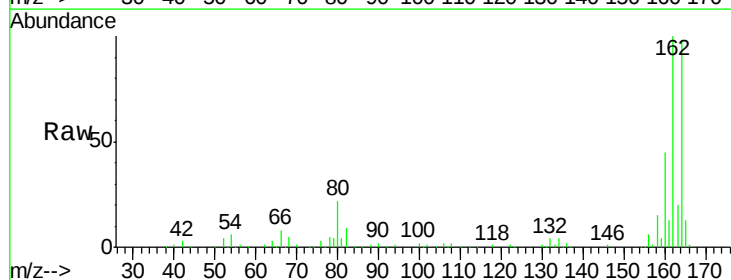
Tgt Ion: 164 Resp: 184192

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

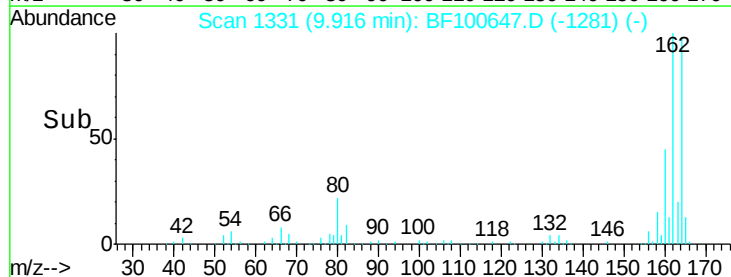
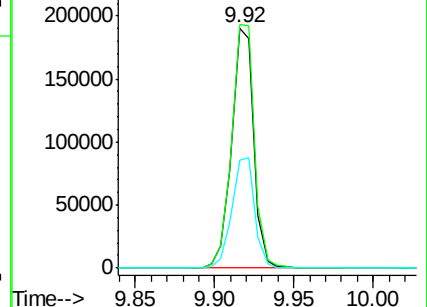
160 45.2 38.3 57.5

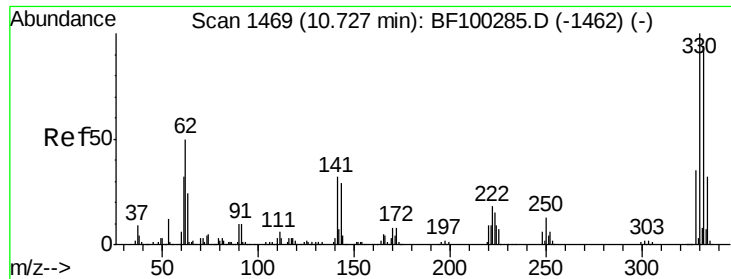


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

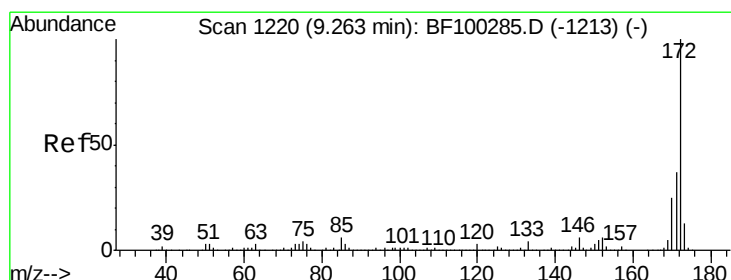
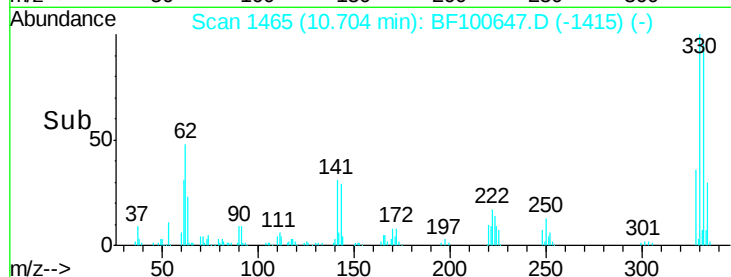
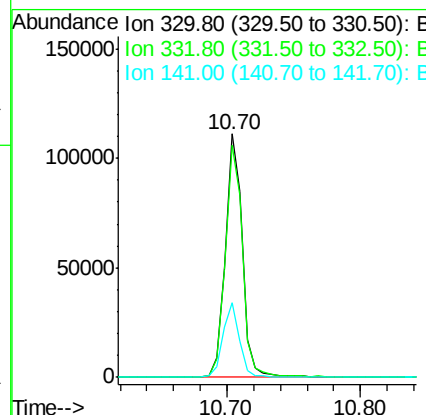
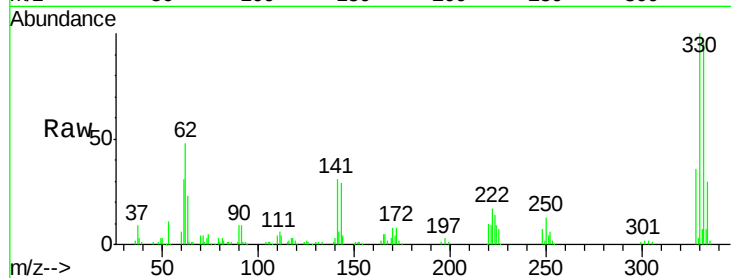




#41
 2,4,6-Tribromophenol
 Concen: 53.69 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

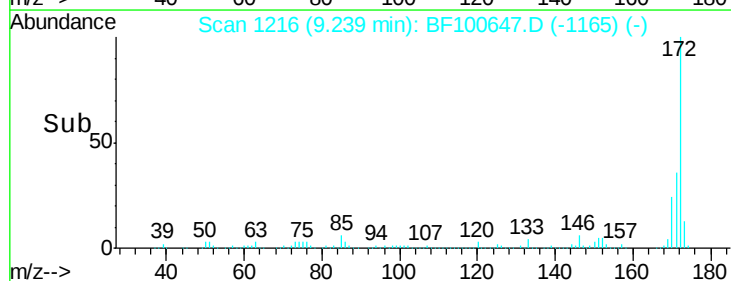
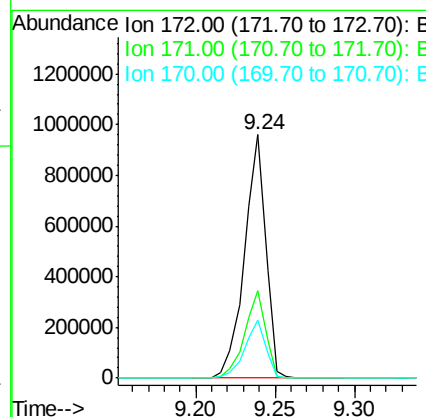
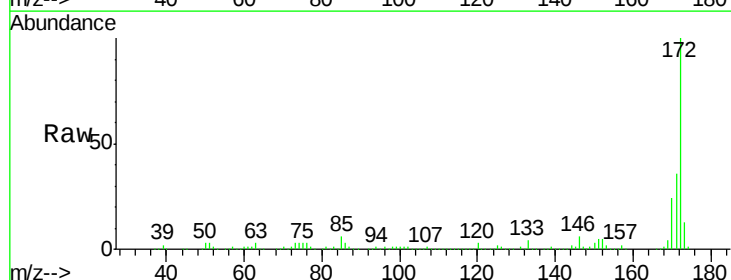
Instrument :
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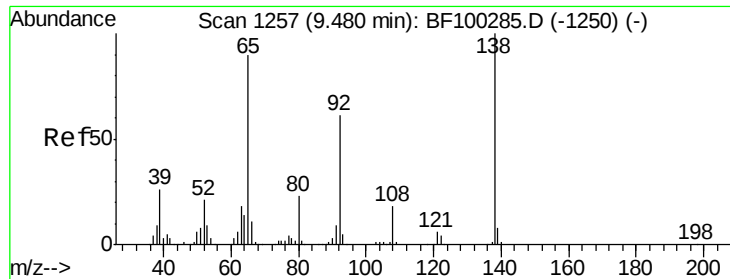
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.6	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 73.88 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4





#47

2-Nitroaniline

Concen: 3.16 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.22 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Instrument :

BNA_F

ClientSampleId :

PB104306BL

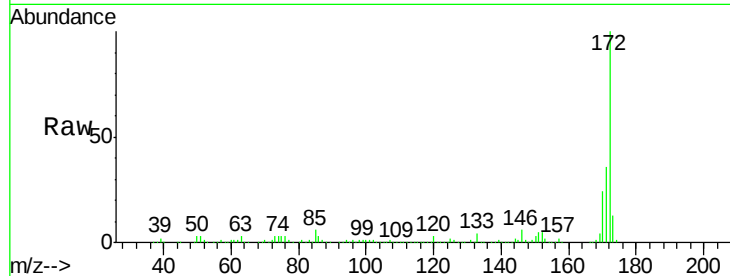
Tgt Ion: 65 Resp: 1367

Ion Ratio Lower Upper

65 100

92 195.6 55.8 83.6#

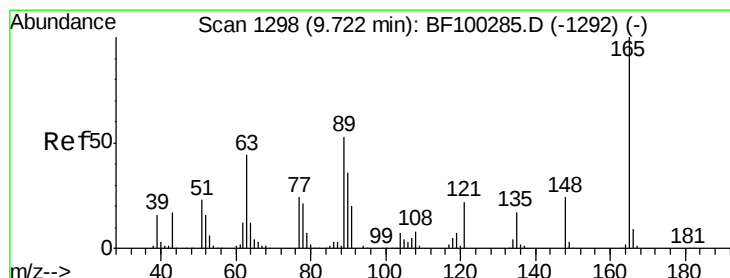
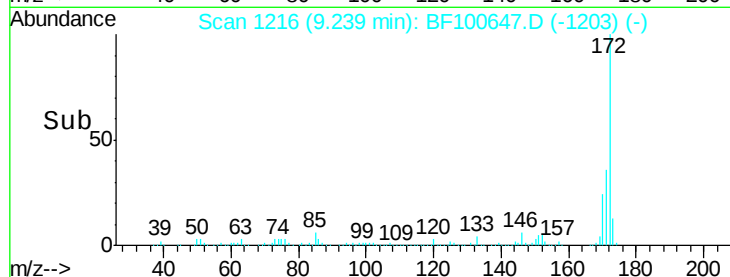
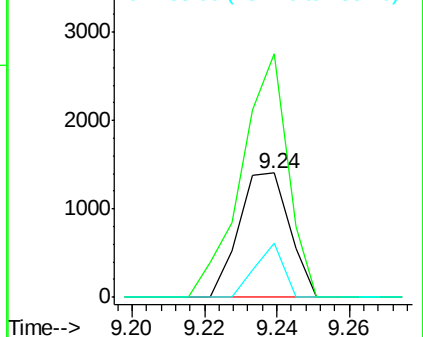
138 43.5 91.2 136.8#



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: 8.43 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

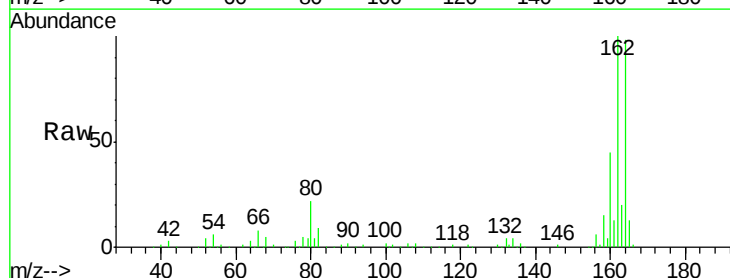
Tgt Ion: 165 Resp: 23461

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

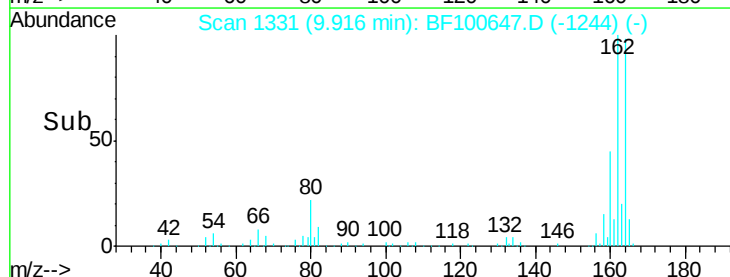
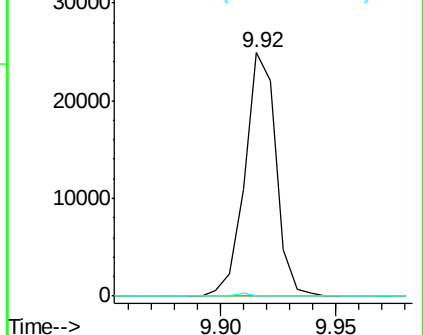
89 0.0 44.0 66.0#

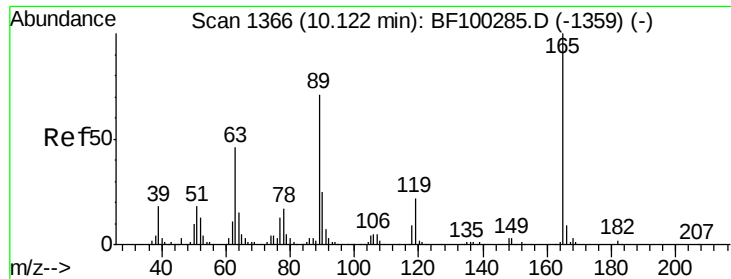


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

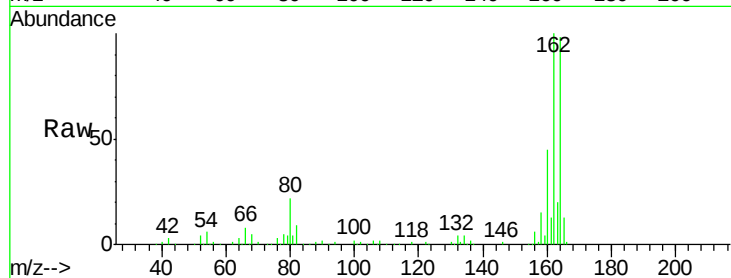




#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100647.D
 Acq: 16 Nov 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104306BL

Tgt Ion:	165	Resp:	23461
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#

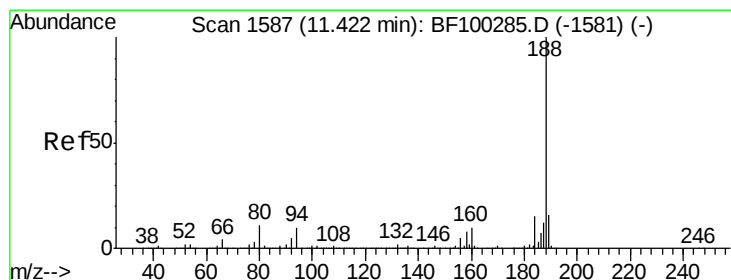
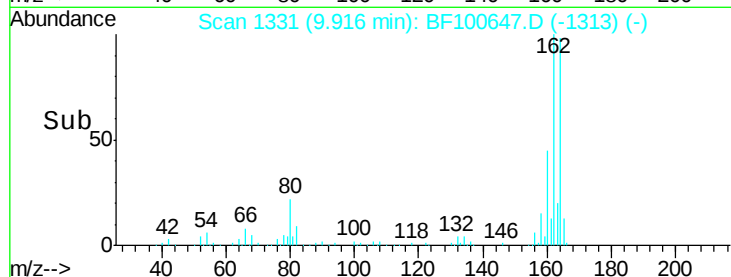
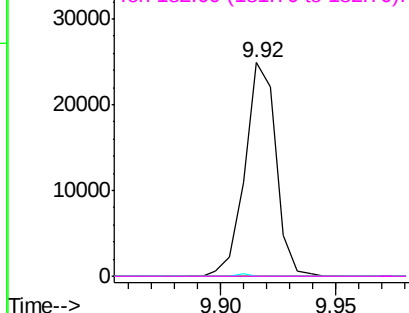


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

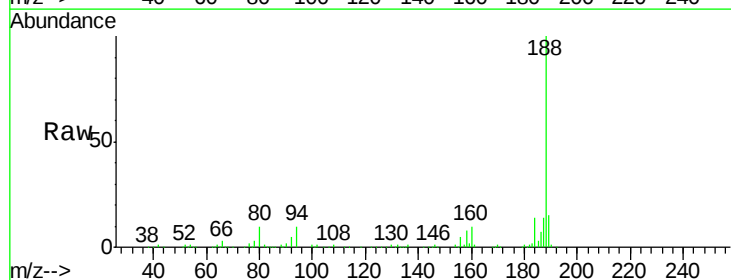
Ion 89.00 (88.70 to 89.70): BF1

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: BF100647.D
 Acq: 16 Nov 2017 23:38

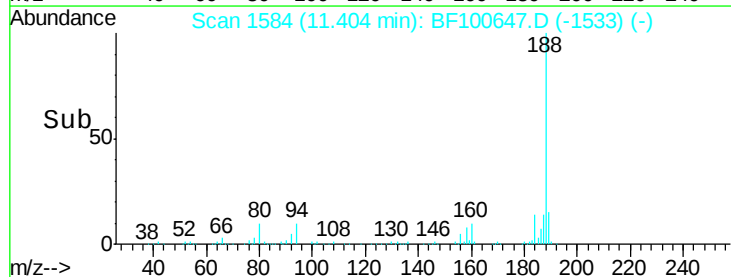
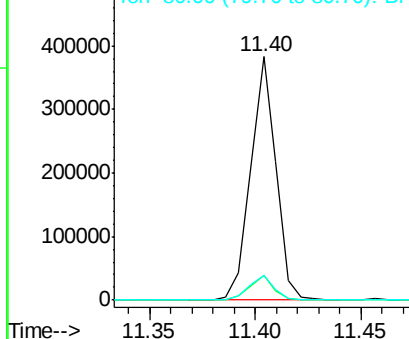
Tgt Ion:	188	Resp:	317332
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.3	9.2	13.8

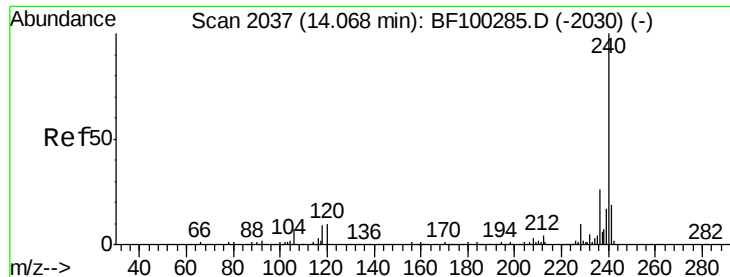


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

Instrument :

BNA_F

ClientSampleId :

PB104306BL

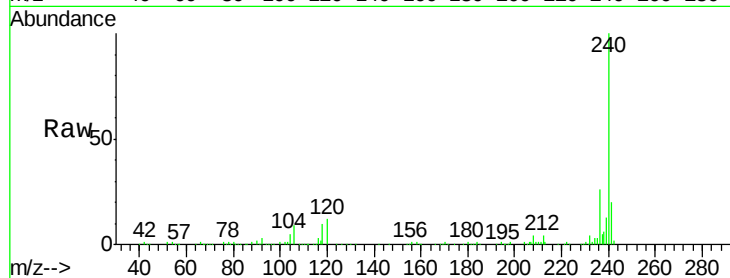
Tgt Ion:240 Resp: 228227

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

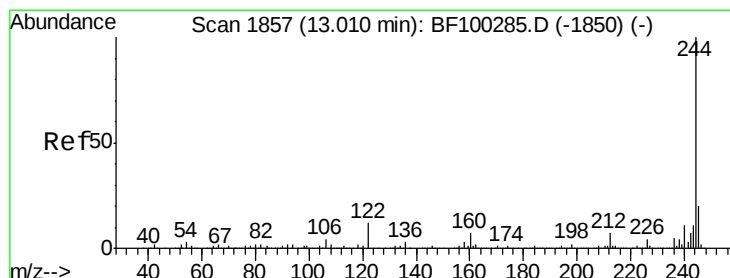
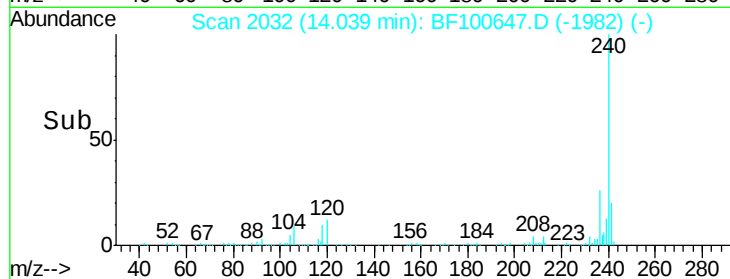
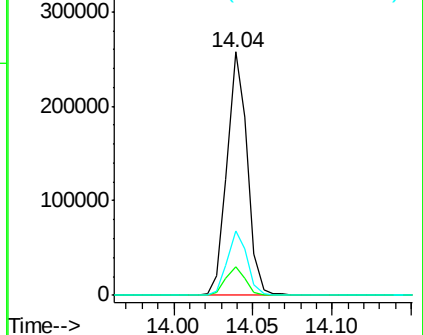
236 26.4 20.7 31.1



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: 67.44 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100647.D

Acq: 16 Nov 2017 23:38

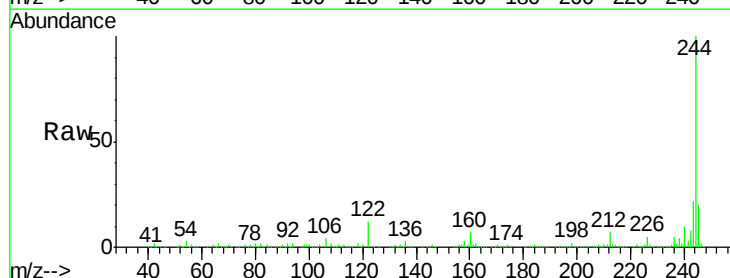
Tgt Ion:244 Resp: 669820

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

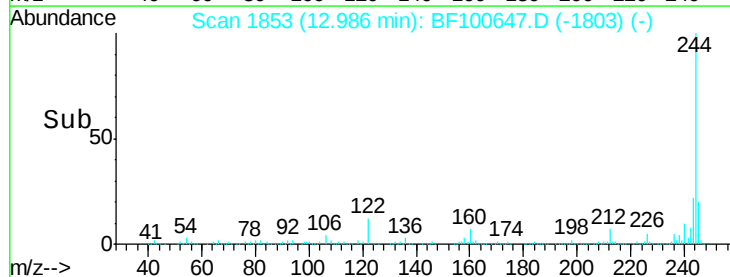
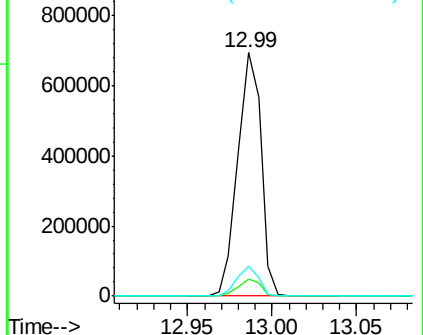
122 12.3 11.0 16.4

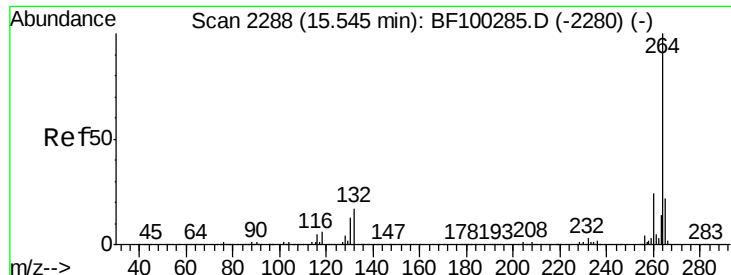


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100647.D
Acq: 16 Nov 2017 23:38

Instrument :
BNA_F
ClientSampleId :
PB104306BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.0	17.5	26.3

