

Data File : BF100459.D
Acq On : 12 Nov 2017 00:51
Operator : SJ/JU
Sample : I6369-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110617-TIDO-F-U-S

Quant Time: Nov 13 04:41:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152648	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	572708	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	229343	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	358819	20.00	ng	0.00
75) Chrysene-d12	14.06	240	313958	20.00	ng	0.00
86) Perylene-d12	15.55	264	226257	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	432994	45.47	ng	0.00
7) Phenol-d6	6.52	99	360932	30.74	ng	-0.01
23) Nitrobenzene-d5	7.47	82	893830	103.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	183577	78.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1481304	98.35	ng	0.00
78) Terphenyl-d14	13.01	244	1048407	76.73	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	119802	14.71	ng	# 81
25) Isophorone	7.47	82	889654	48.87	ng	# 64
47) 2-Nitroaniline	9.65	65	304	2.85	ng	# 1
49) Dimethylphthalate	9.65	163	46019	2.63	ng	100
50) 2,6-Dinitrotoluene	9.94	165	28622	8.26	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	28622	6.55	ng	# 23
62) Azobenzene	10.65	77	46298	2.81	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	129	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	11414	2.97	ng	# 1

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

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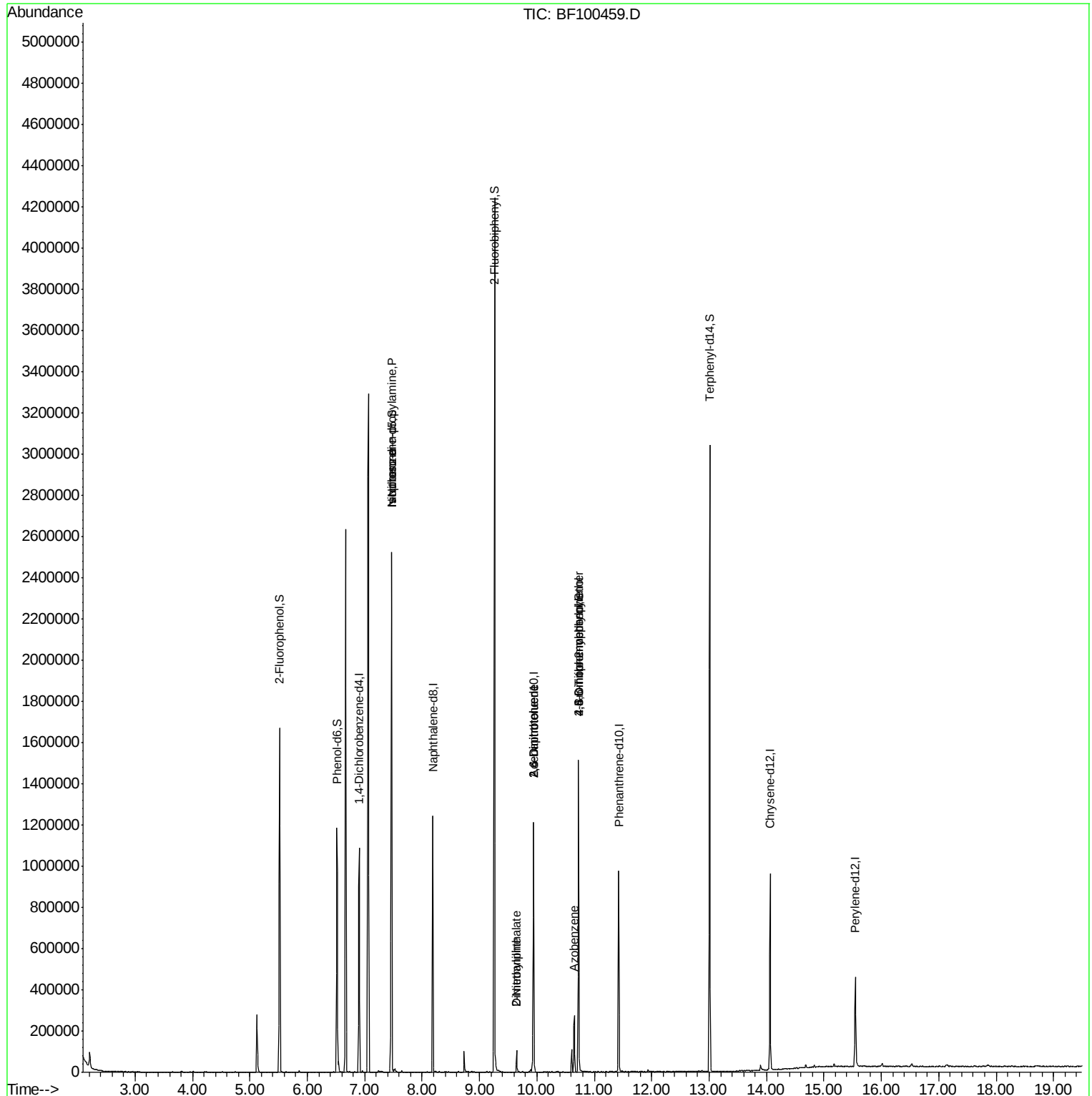
Quant Time: Nov 13 04:41:48 2017

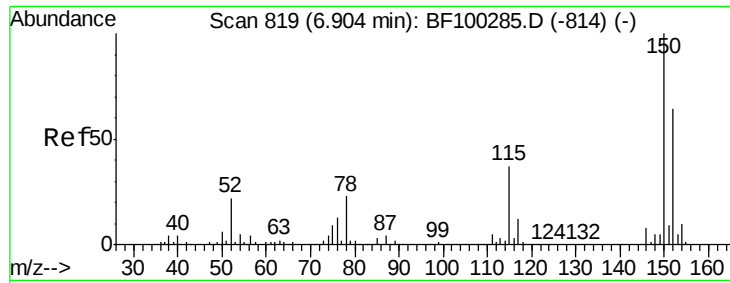
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 10 15:44:40 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

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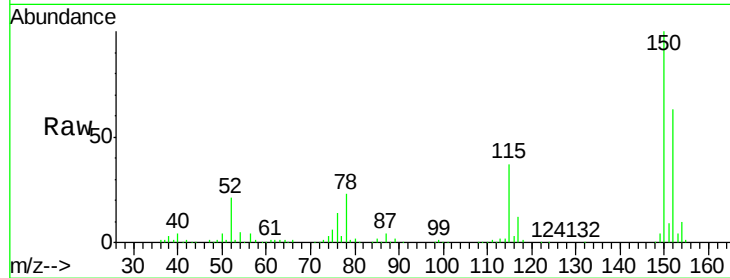
Tgt Ion:152 Resp: 152648

Ion Ratio Lower Upper

152 100

150 159.3 124.6 186.8

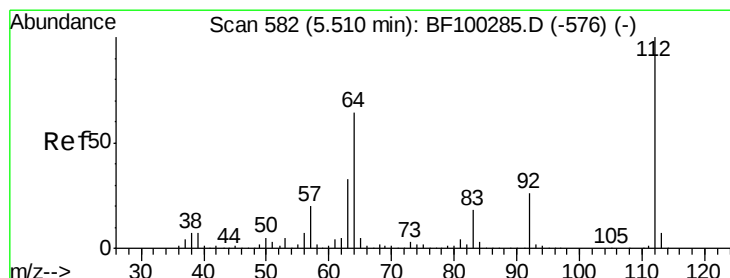
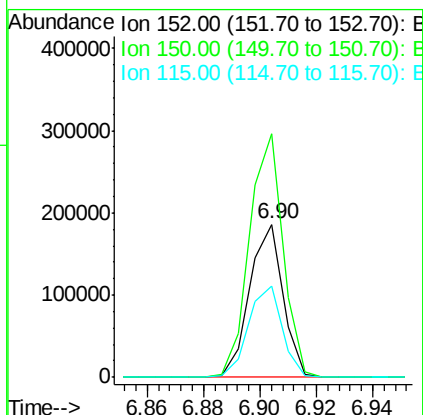
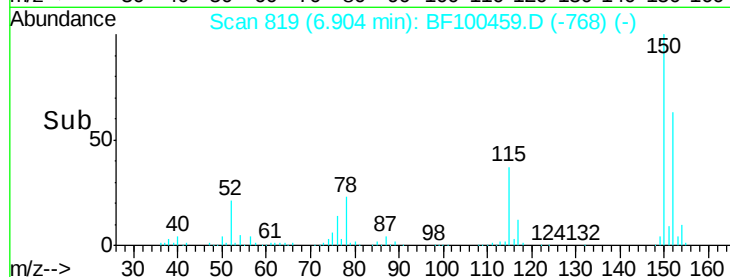
115 59.7 50.1 75.1



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: 45.47 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

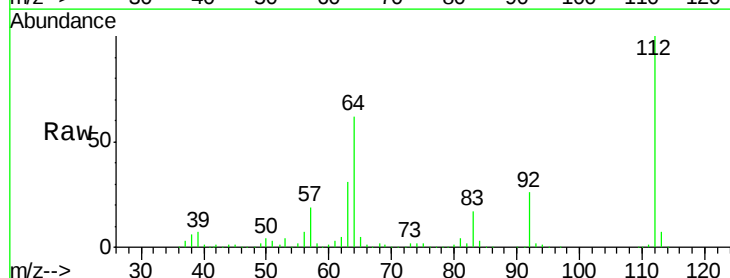
Tgt Ion:112 Resp: 432994

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

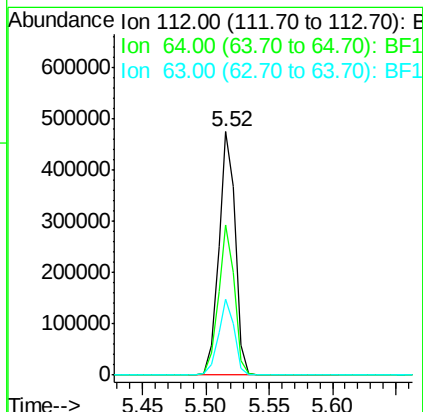
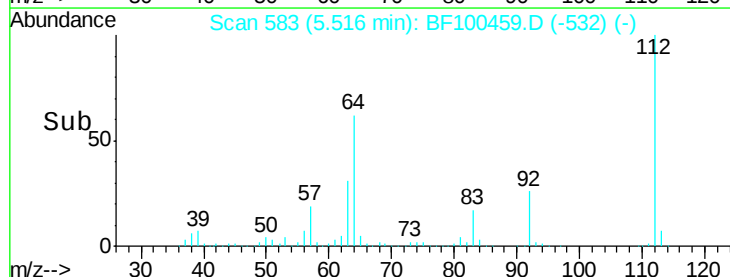
63 31.3 23.7 35.5

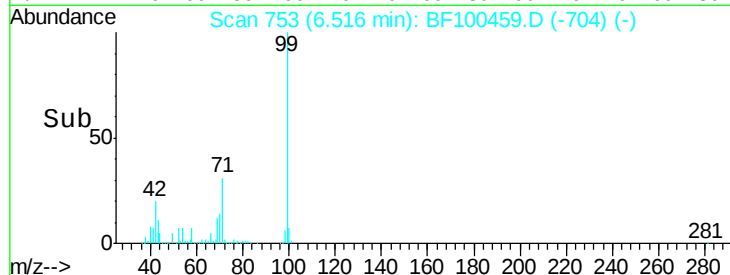
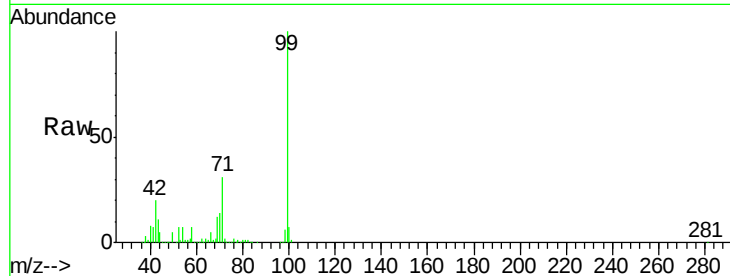


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 30.74 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-S

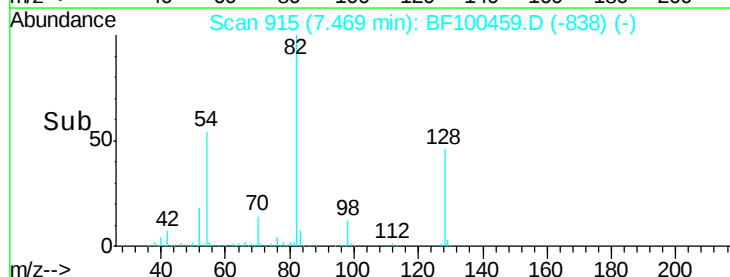
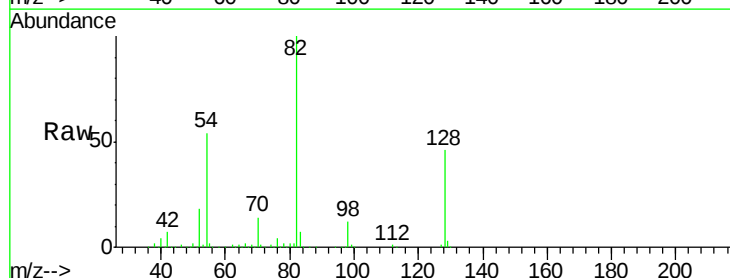
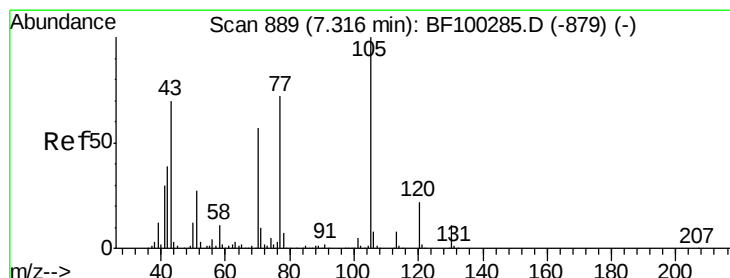
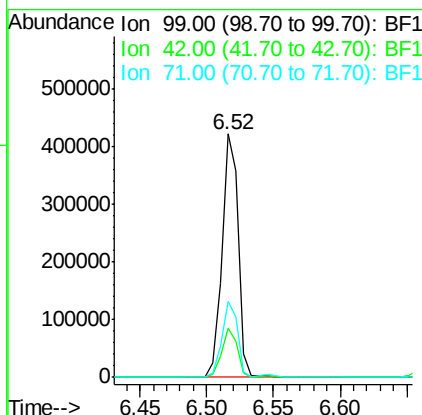
Tgt Ion: 99 Resp: 360932

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 31.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.71 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Tgt Ion: 70 Resp: 119802

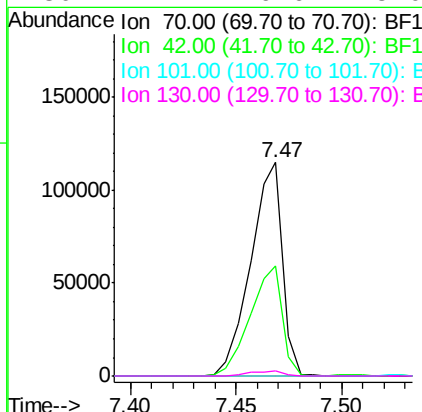
Ion Ratio Lower Upper

70 100

42 51.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

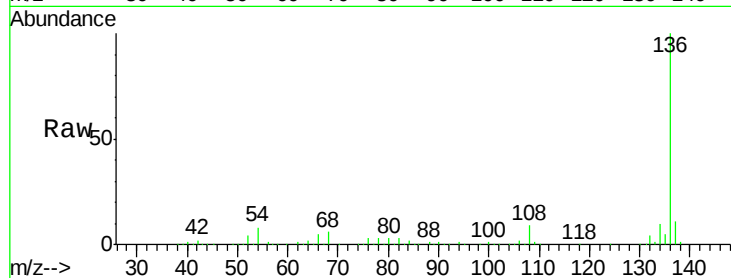




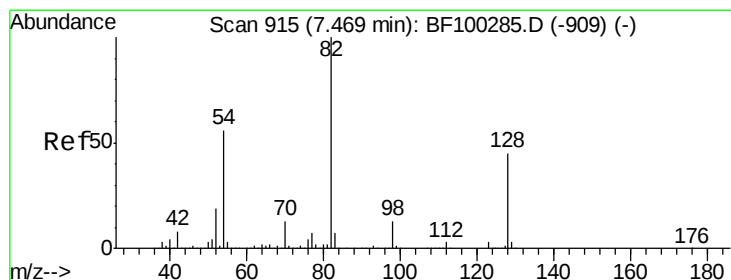
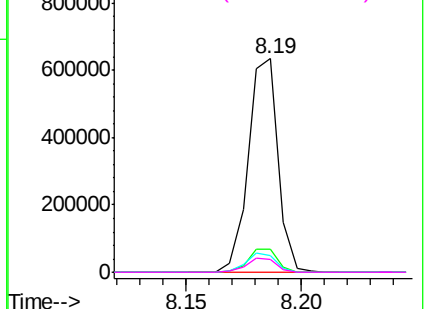
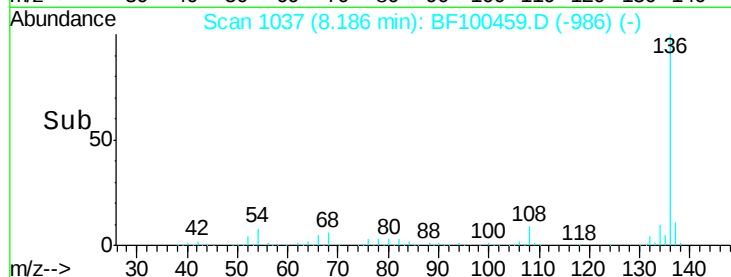
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100459.D
Acq: 12 Nov 2017 00:51

Instrument :
BNA_F
ClientSampleId :
110617-TIDO-F-U-S

Tgt Ion:	136	Resp:	572708
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.9	5.0	7.4

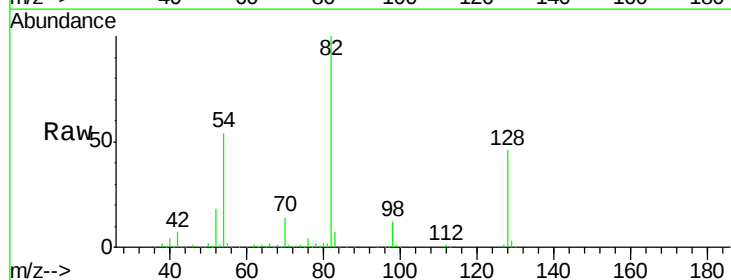


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

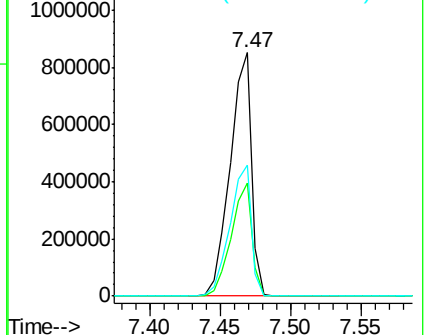
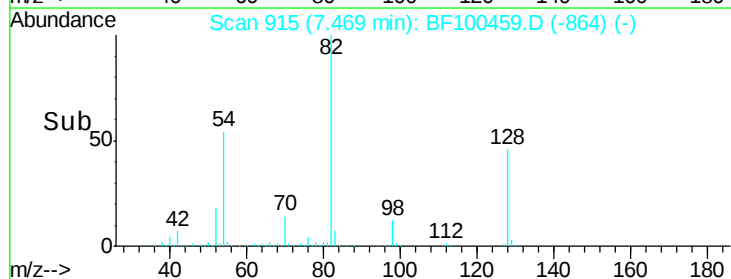


#23
Nitrobenzene-d5
Concen: 103.18 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100459.D
Acq: 12 Nov 2017 00:51

Tgt Ion:	82	Resp:	893830
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.7	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: 48.87 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-S

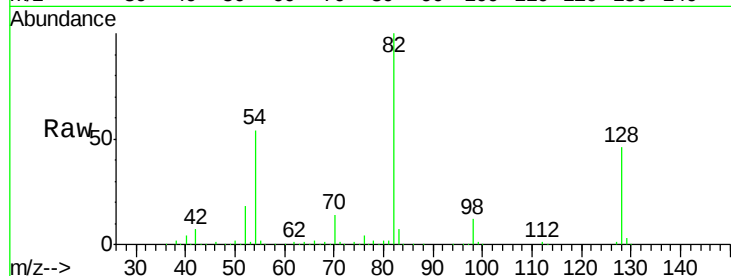
Tgt Ion: 82 Resp: 889654

Ion Ratio Lower Upper

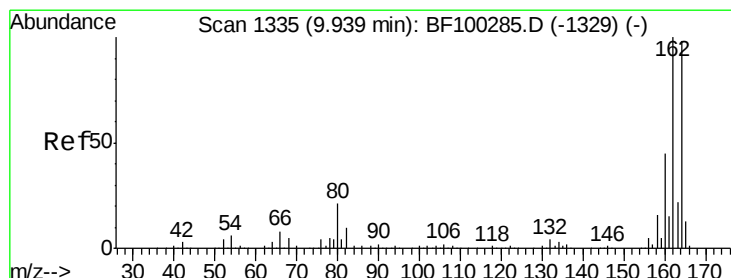
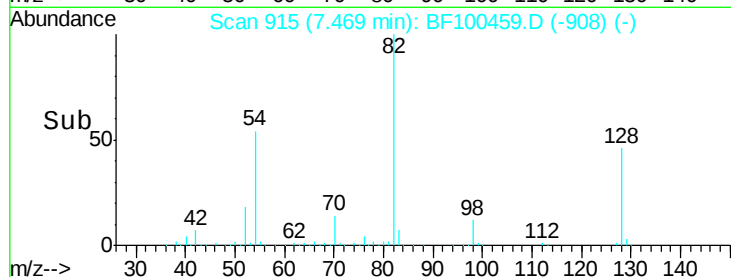
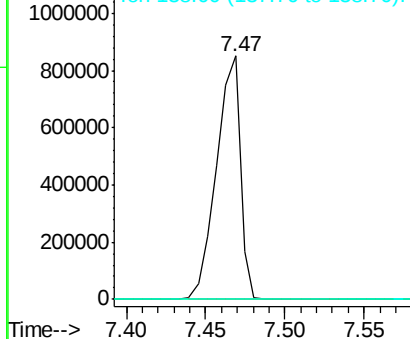
82 100

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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

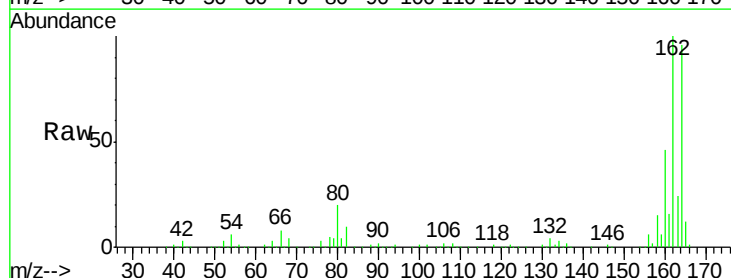
Tgt Ion: 164 Resp: 229343

Ion Ratio Lower Upper

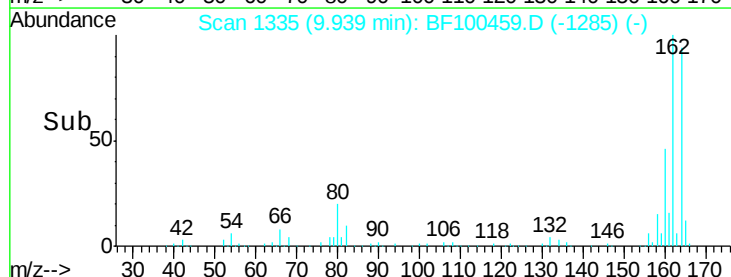
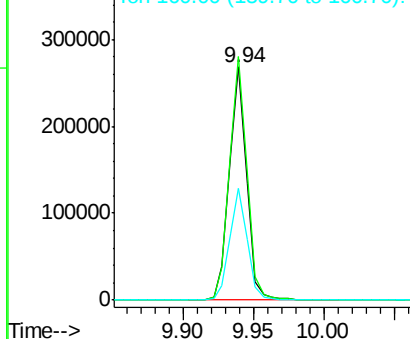
164 100

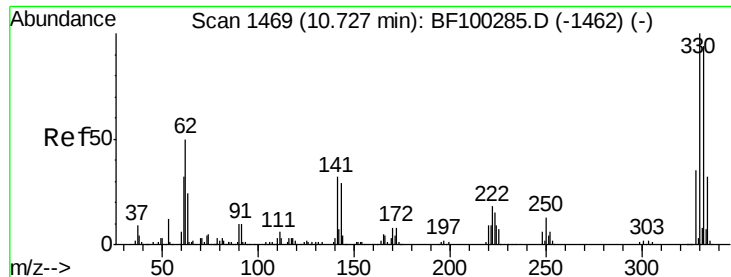
162 104.5 86.1 129.1

160 48.1 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

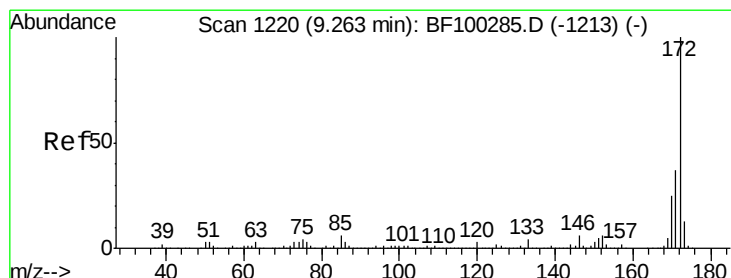
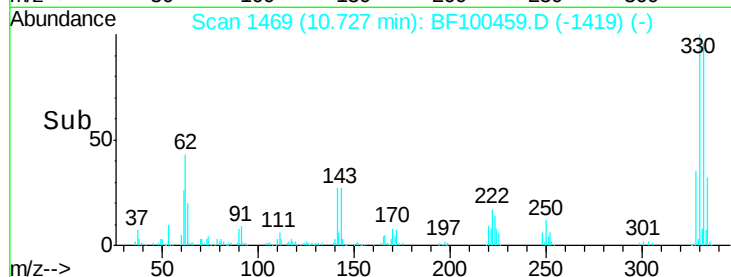
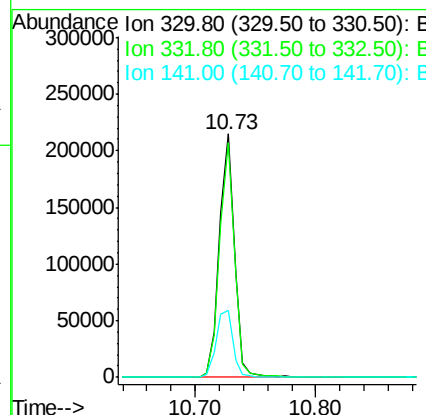
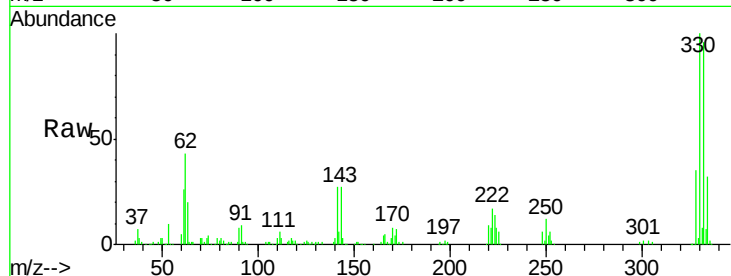




#41
 2,4,6-Tribromophenol
 Concen: 78.55 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100459.D
 Acq: 12 Nov 2017 00:51

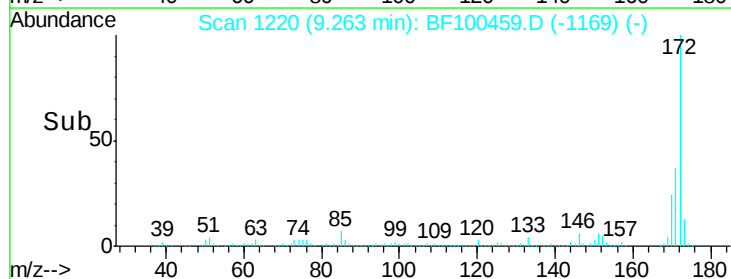
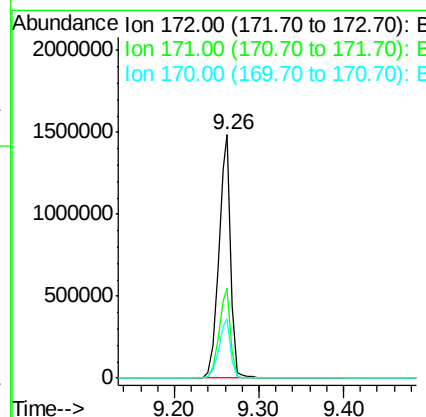
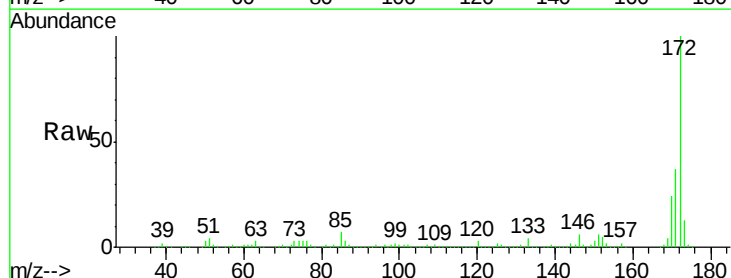
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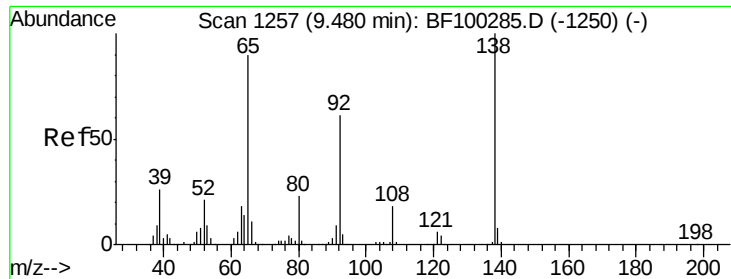
Tgt Ion:330 Resp: 183577
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 30.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 98.35 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100459.D
 Acq: 12 Nov 2017 00:51

Tgt Ion:172 Resp: 1481304
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.3 19.6 29.4





#47

2-Nitroaniline

Concen: 2.85 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.16 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-S

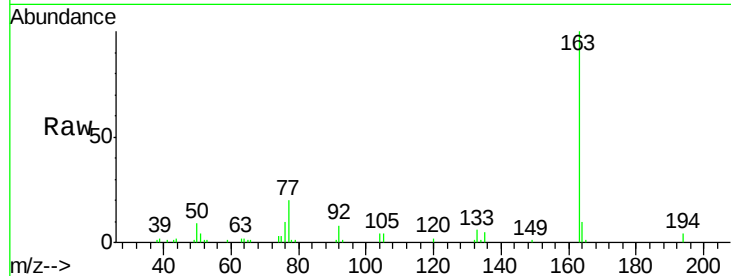
Tgt Ion: 65 Resp: 304

Ion Ratio Lower Upper

65 100

92 873.4 55.8 83.6#

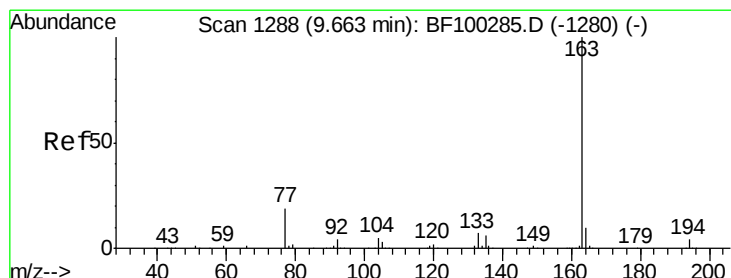
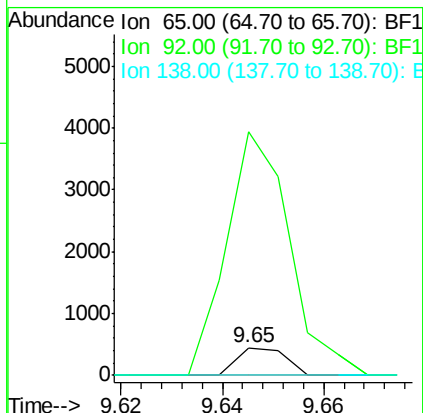
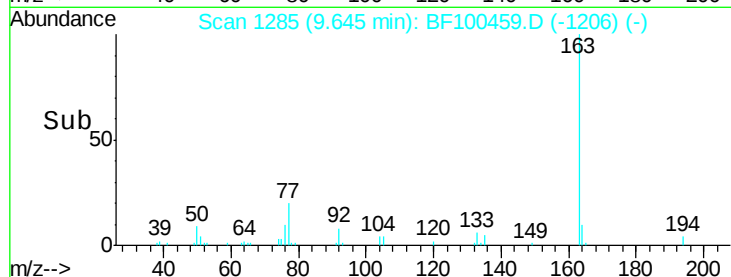
138 0.0 91.2 136.8#



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



#49

Dimethylphthalate

Concen: 2.63 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

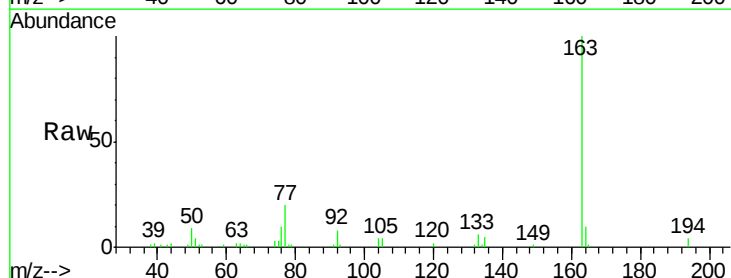
Tgt Ion: 163 Resp: 46019

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

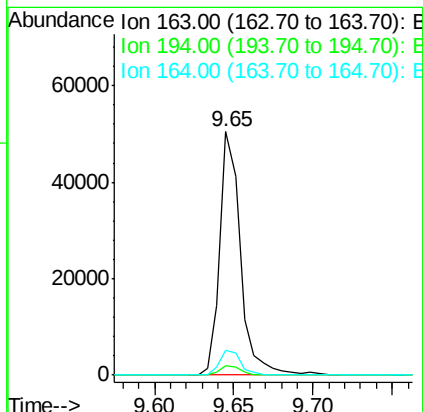
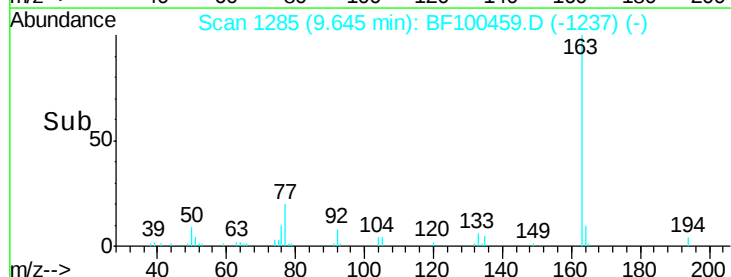
164 10.2 8.2 12.2

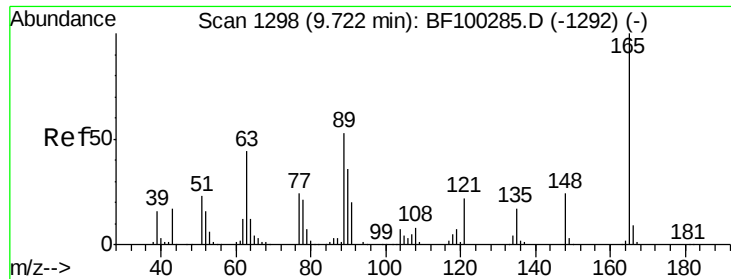


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

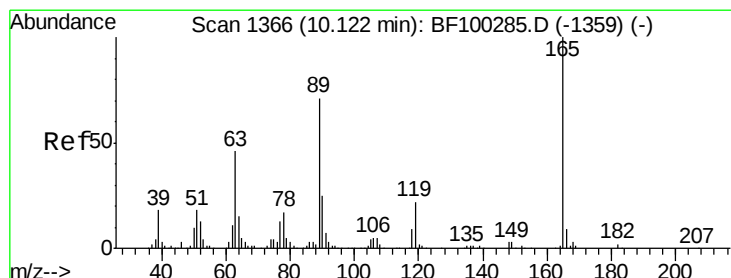
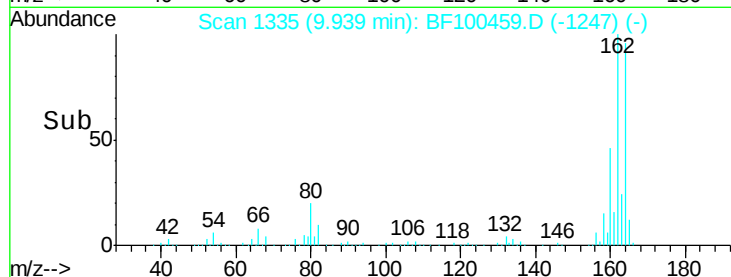
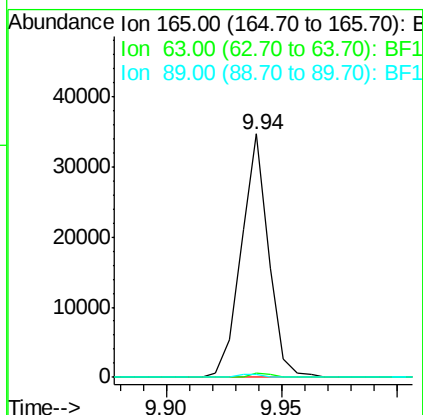
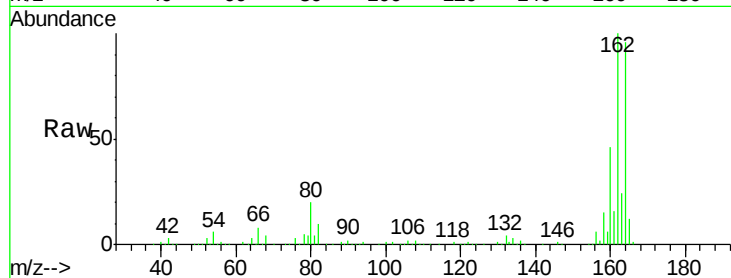




#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100459.D
 Acq: 12 Nov 2017 00:51

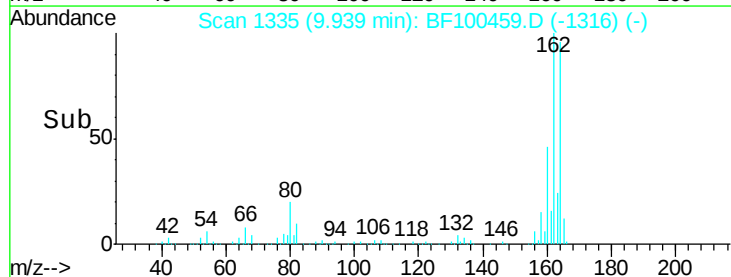
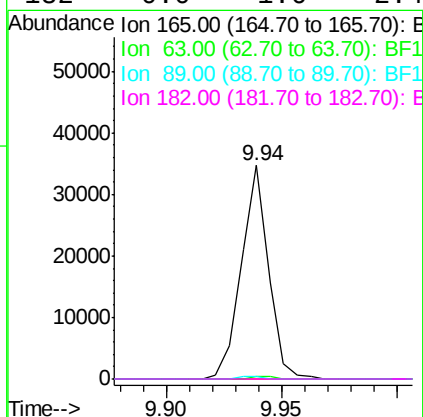
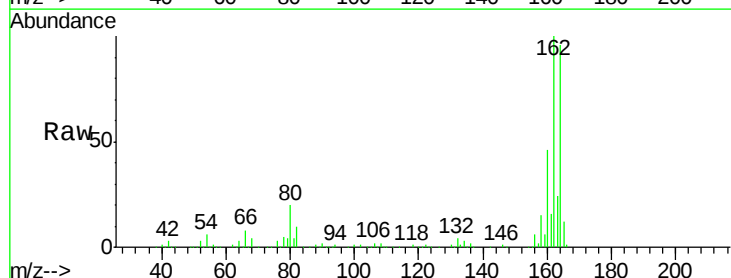
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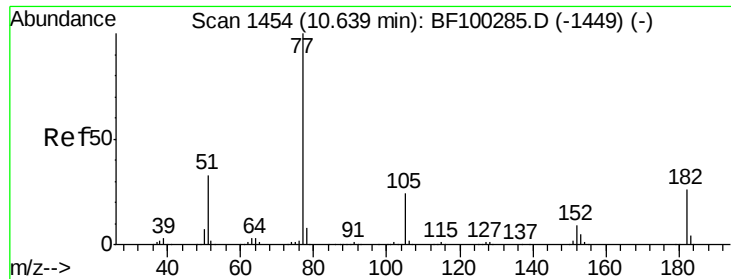
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100459.D
 Acq: 12 Nov 2017 00:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#62

Azobenzene

Concen: 2.81 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-S

Tgt Ion: 77 Resp: 46298

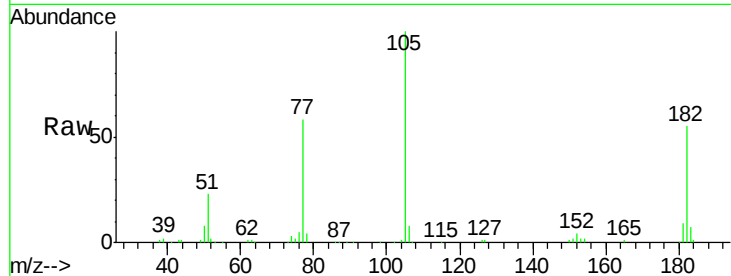
Ion Ratio Lower Upper

77 100

182 94.3 1.7 41.7#

105 171.9 3.0 43.0#

51 39.1 9.9 49.9

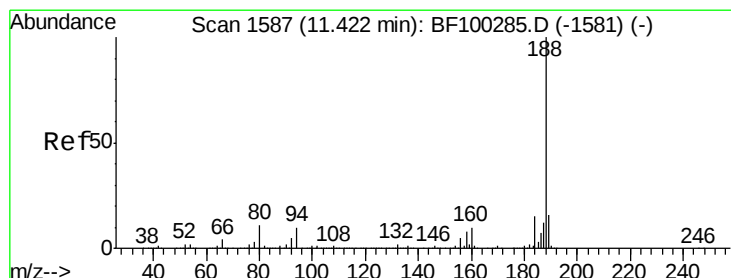
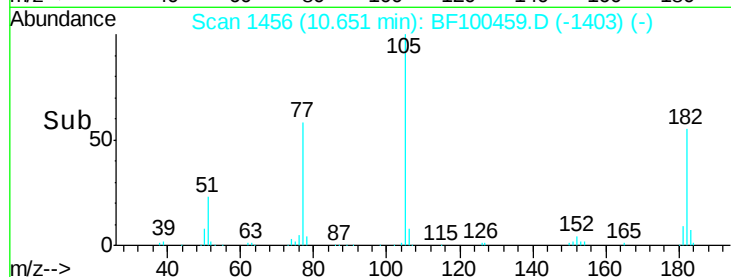
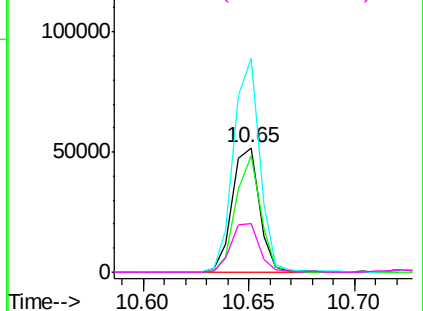


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

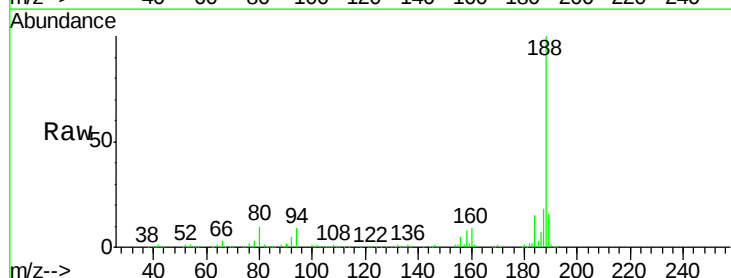
Tgt Ion: 188 Resp: 358819

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

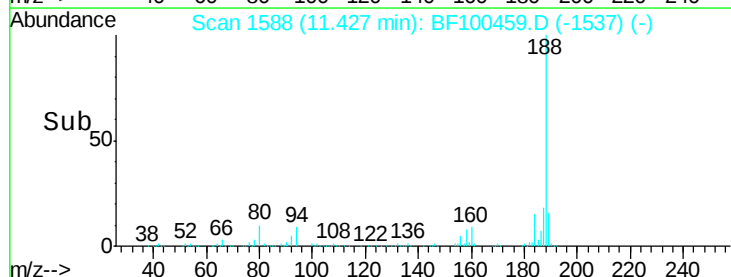
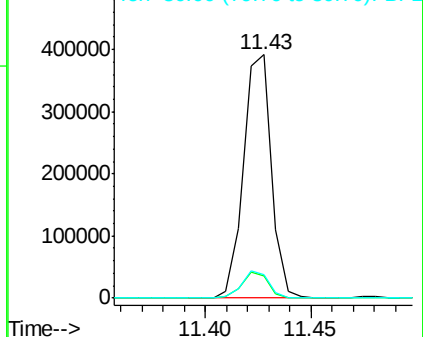
80 9.8 9.2 13.8

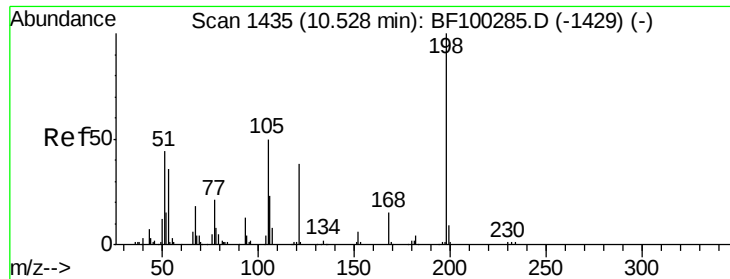


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 8.63 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.19 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-S

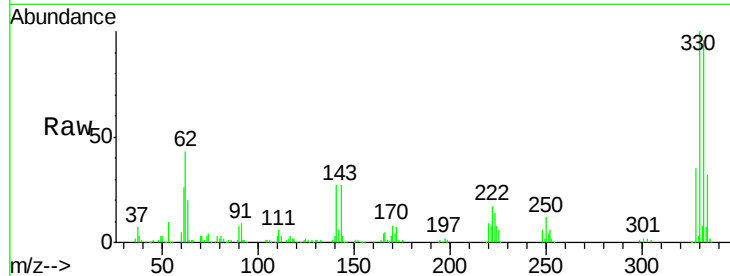
Tgt Ion:198 Resp: 129

Ion Ratio Lower Upper

198 100

51 210.4 37.7 77.7#

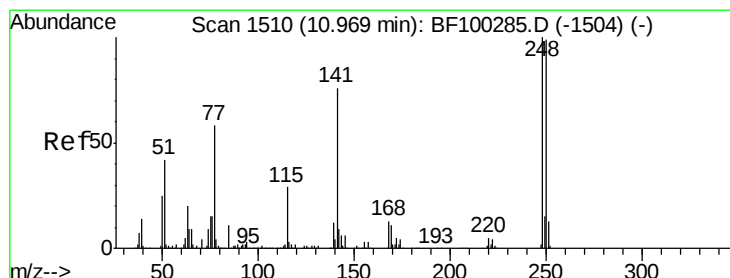
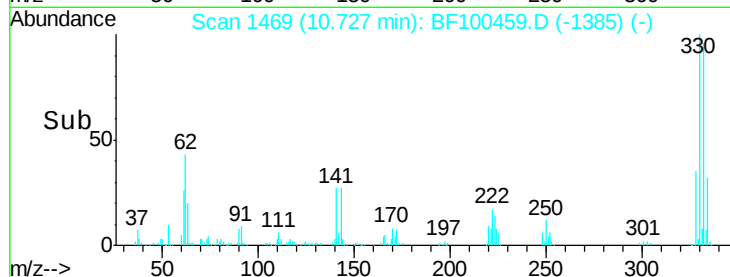
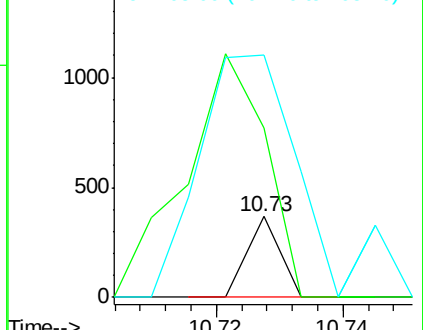
105 300.3 36.3 76.3#



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: 2.97 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.24 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

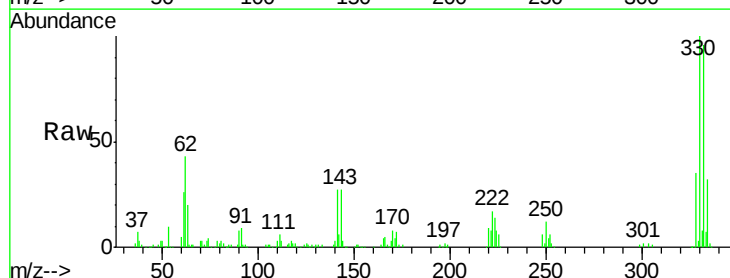
Tgt Ion:248 Resp: 11414

Ion Ratio Lower Upper

248 100

250 199.5 76.9 115.3#

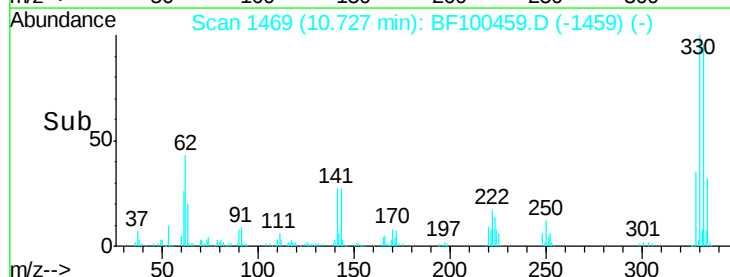
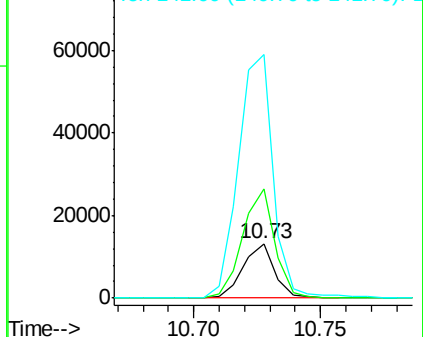
141 446.8 74.4 111.6#

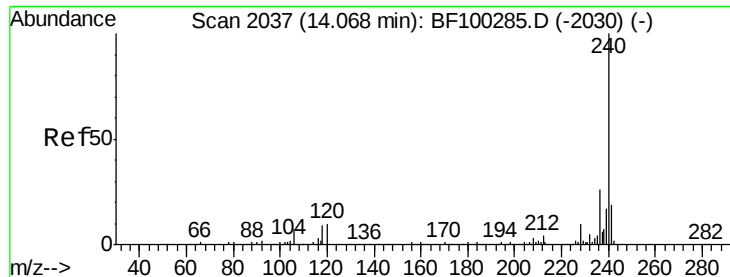


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-S

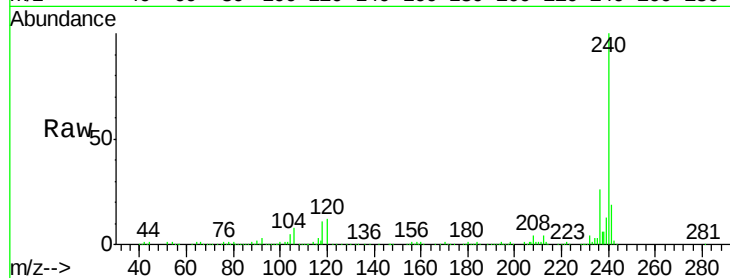
Tgt Ion:240 Resp: 313958

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

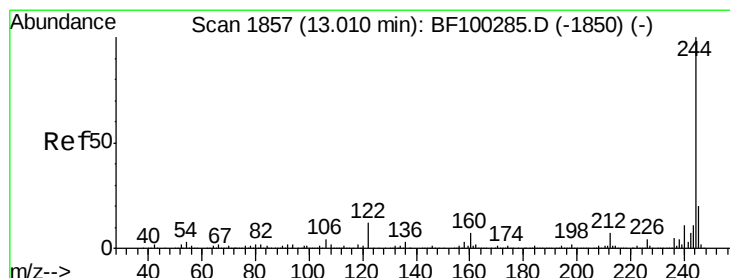
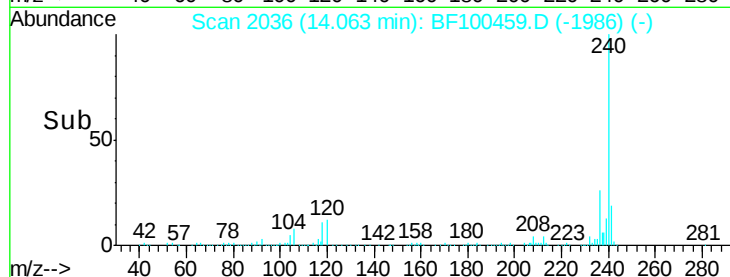
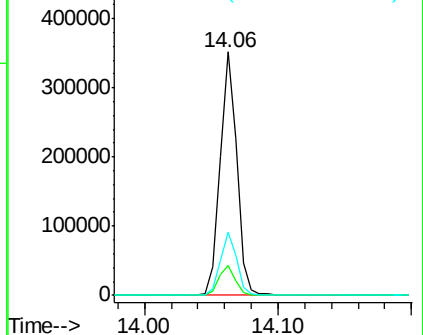
236 25.9 20.7 31.1



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: 76.73 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100459.D

Acq: 12 Nov 2017 00:51

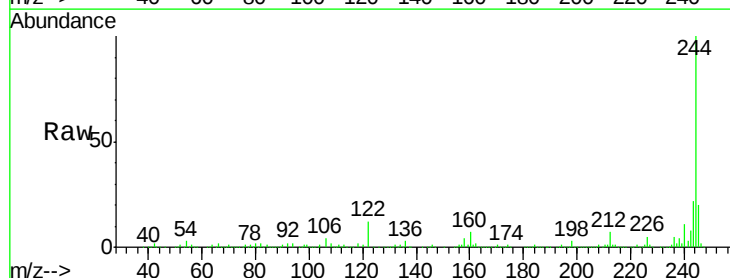
Tgt Ion:244 Resp: 1048407

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

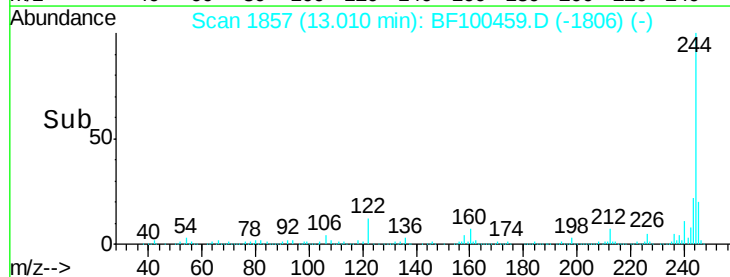
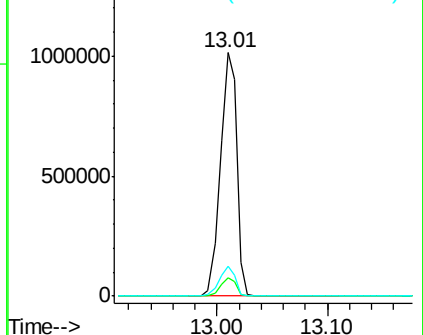
122 12.1 11.0 16.4

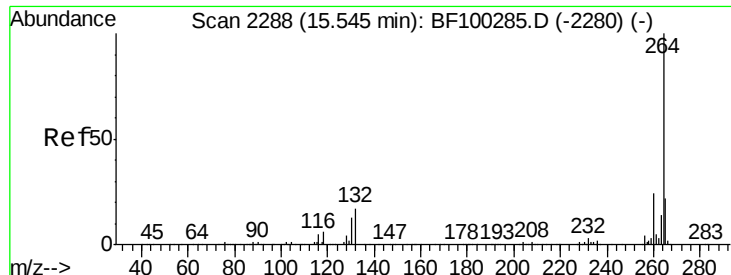


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100459.D
Acq: 12 Nov 2017 00:51

Instrument :
BNA_F
ClientSampleId :
110617-TIDO-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3

