

Data File : BF100477.D
Acq On : 12 Nov 2017 8:48
Operator : SJ/JU
Sample : I6402-04
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-S

Quant Time: Nov 13 04:49:22 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	134541	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	493302	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	200978	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	305972	20.00	ng	0.00
75) Chrysene-d12	14.06	240	270569	20.00	ng	0.00
86) Perylene-d12	15.54	264	192840	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	374343	44.60	ng	0.00
7) Phenol-d6	6.52	99	288018	27.83	ng	-0.01
23) Nitrobenzene-d5	7.47	82	807433	108.21	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	163635	79.90	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1367164	103.58	ng	0.00
78) Terphenyl-d14	13.01	244	938642	79.71	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	32578	3.00	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	107584	14.99	ng	# 80
25) Isophorone	7.47	82	804996	51.34	ng	# 64
47) 2-Nitroaniline	9.65	65	843	3.00	ng	# 1
49) Dimethylphthalate	9.65	163	79119	5.16	ng	99
50) 2,6-Dinitrotoluene	9.94	165	25347	8.34	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	25347	6.61	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	247	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	10274	3.13	ng	# 1

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

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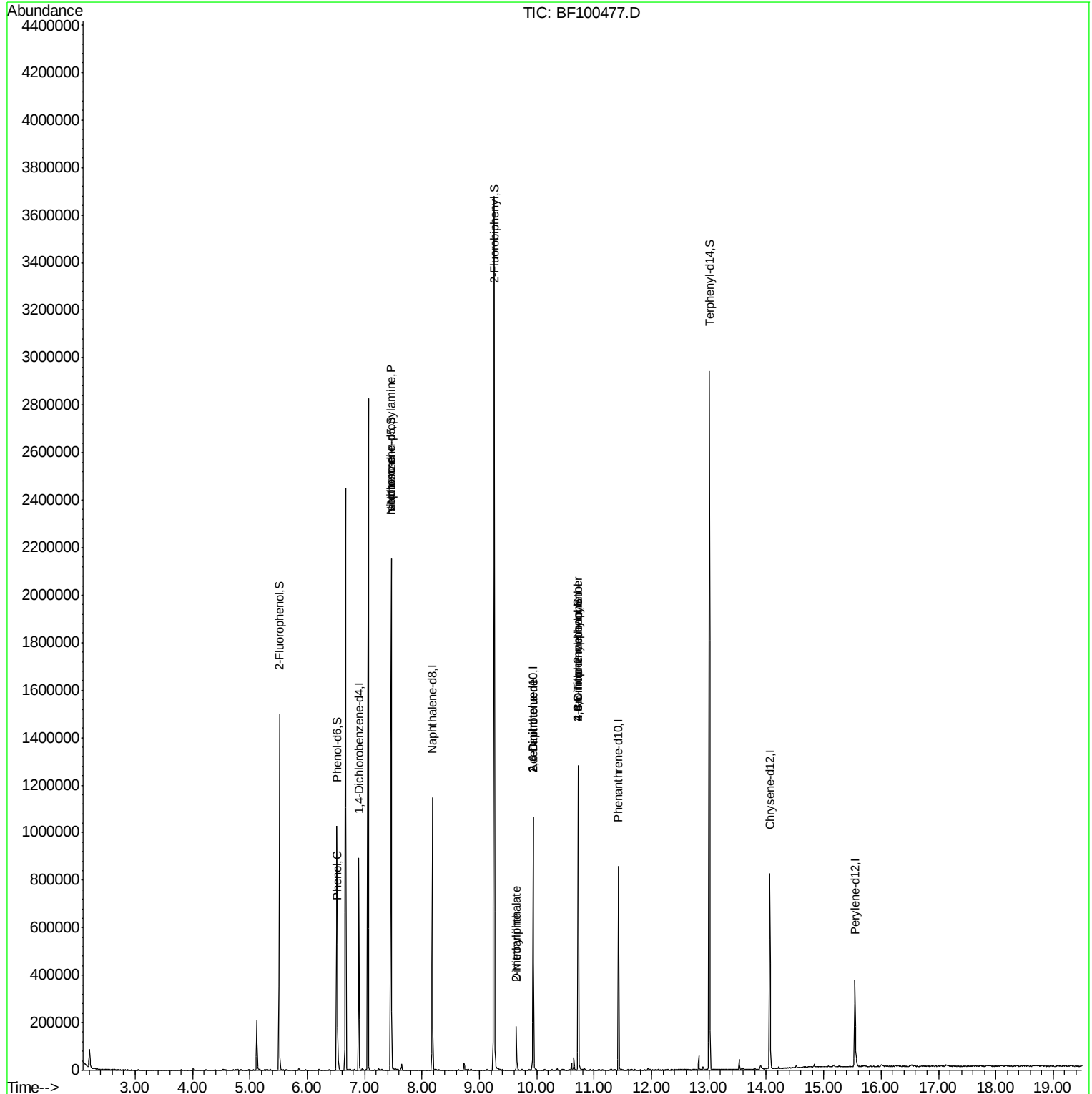
Quant Time: Nov 13 04:49:22 2017

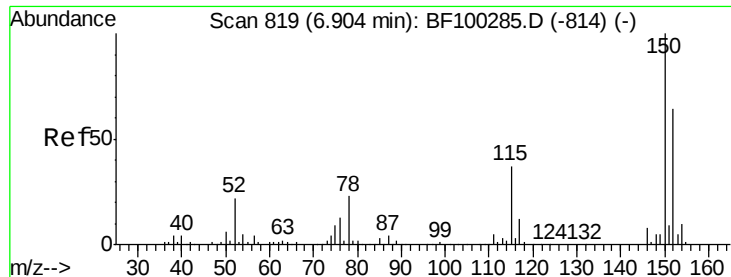
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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#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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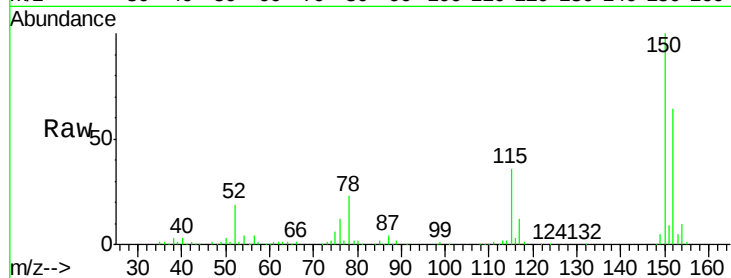
Tgt Ion:152 Resp: 134541

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

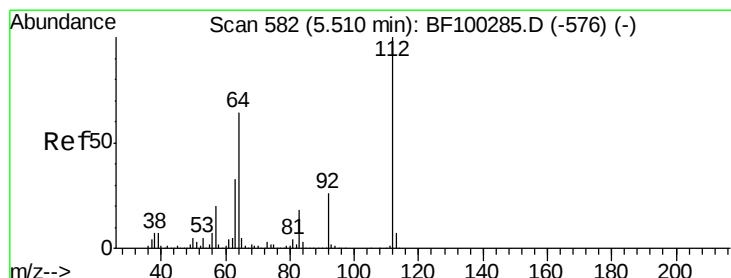
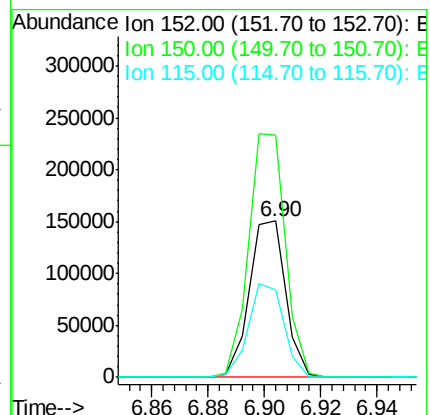
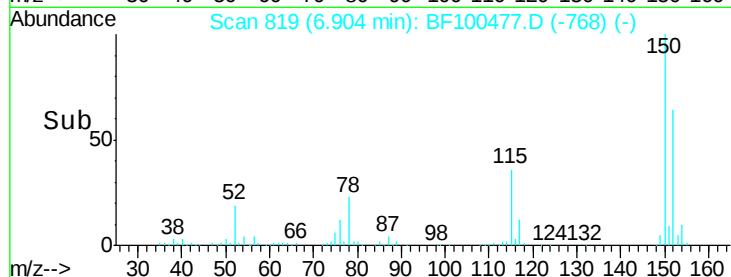
115 56.3 50.1 75.1



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: 44.60 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

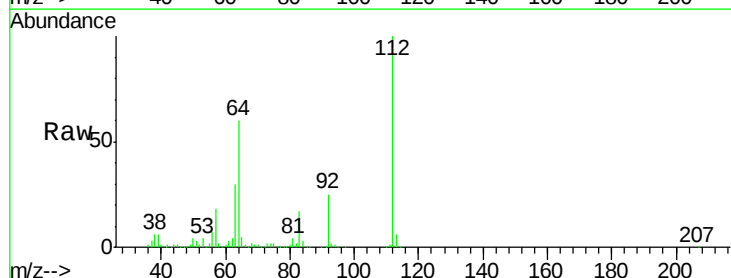
Tgt Ion:112 Resp: 374343

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

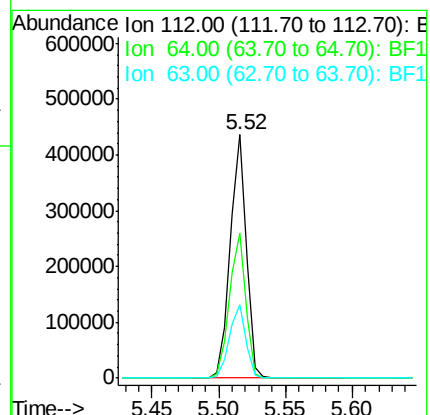
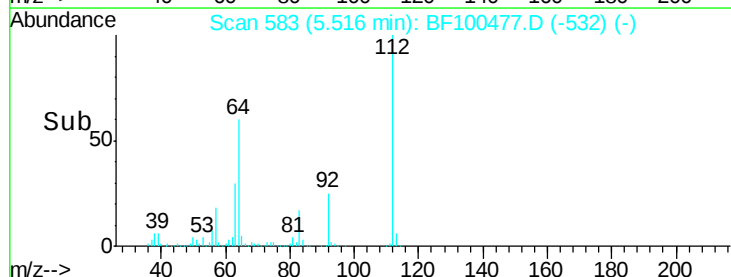
63 30.0 23.7 35.5

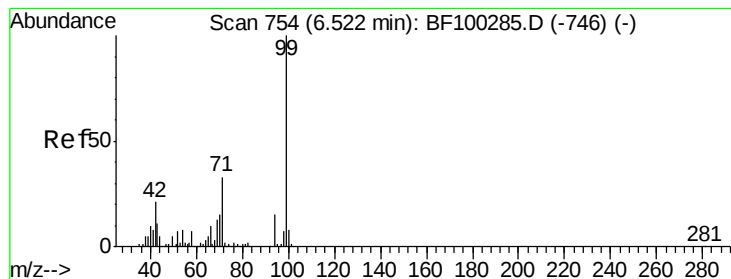


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.83 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-S

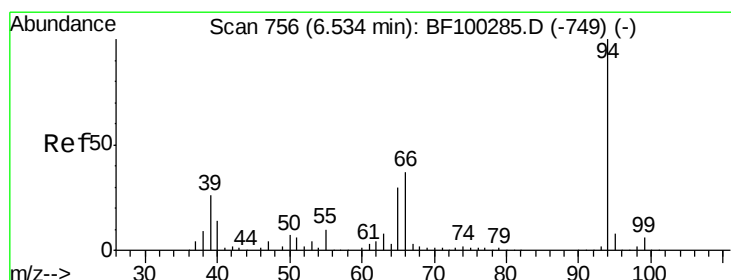
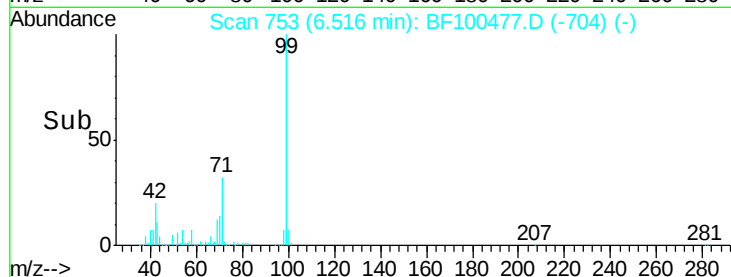
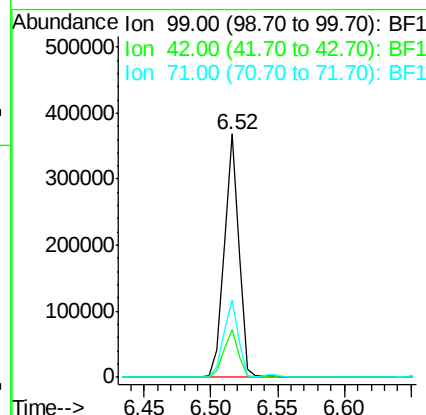
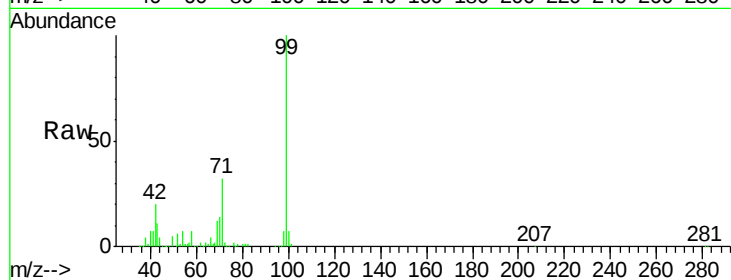
Tgt Ion: 99 Resp: 288018

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 31.5 25.4 38.0



#10

Phenol

Concen: 3.00 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

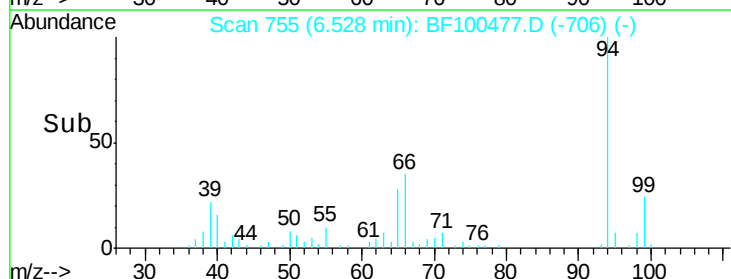
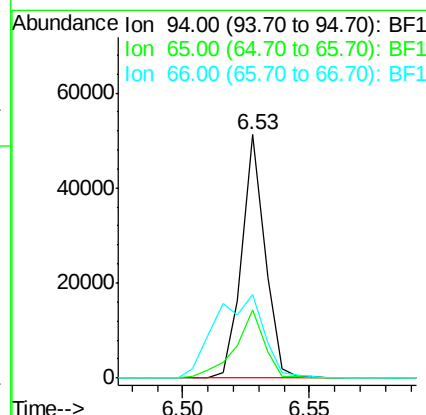
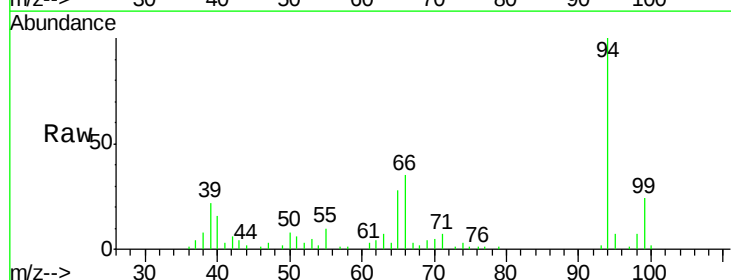
Tgt Ion: 94 Resp: 32578

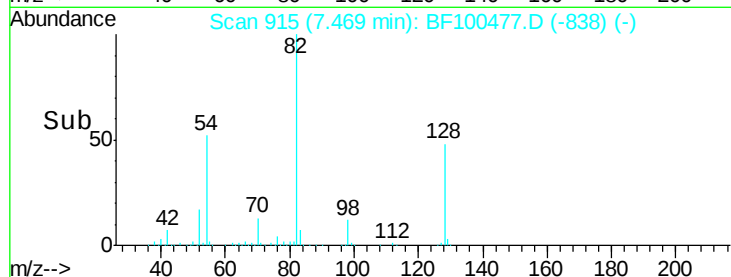
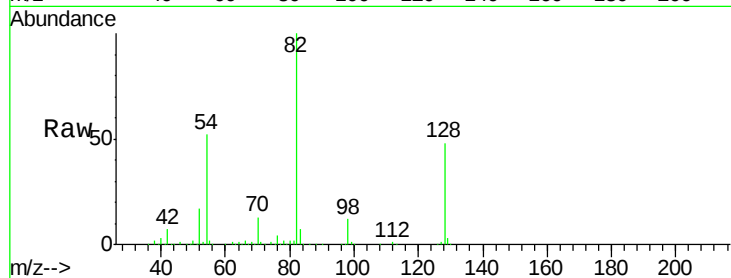
Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 34.6 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.99 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-S

Tgt Ion: 70 Resp: 107584

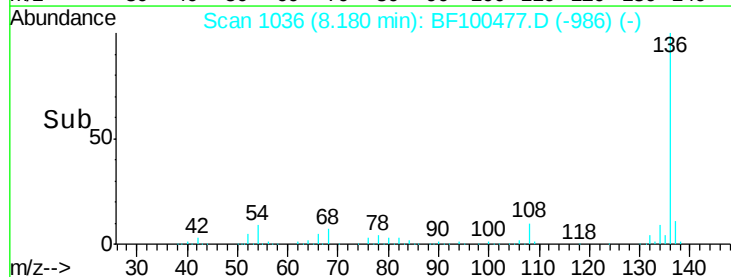
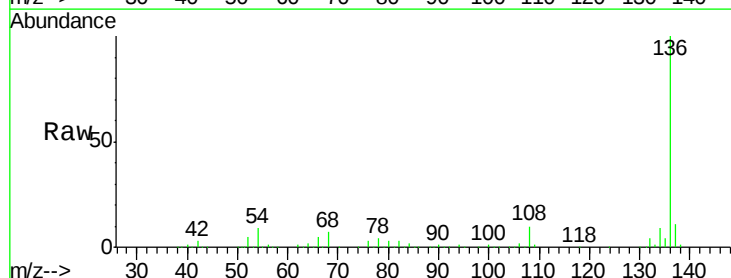
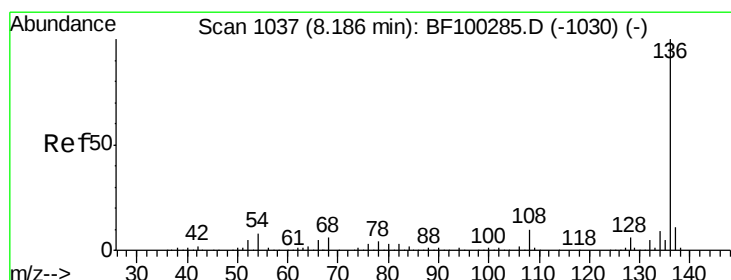
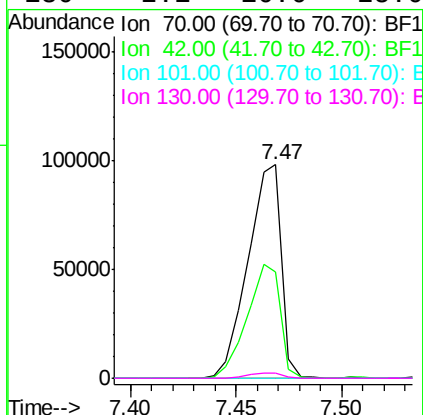
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Tgt Ion: 136 Resp: 493302

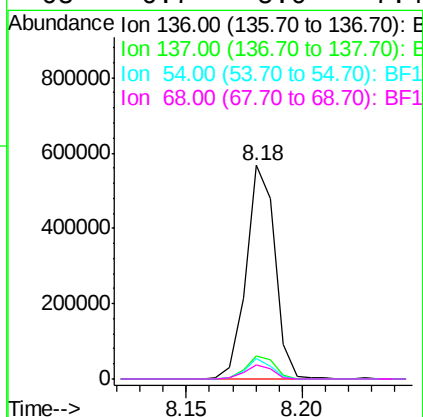
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

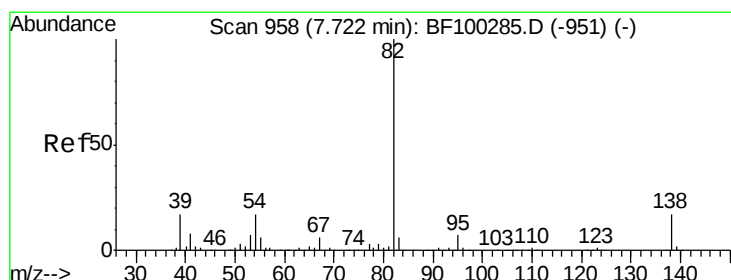
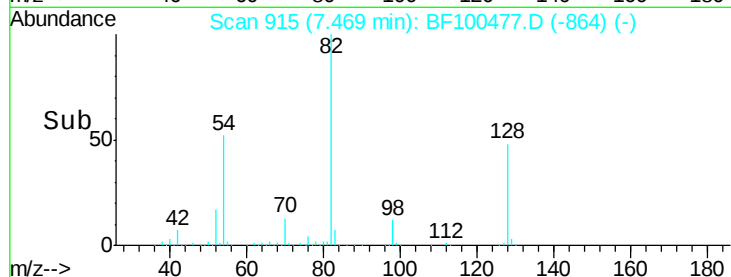
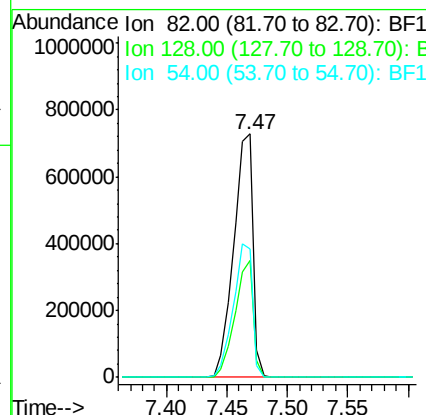
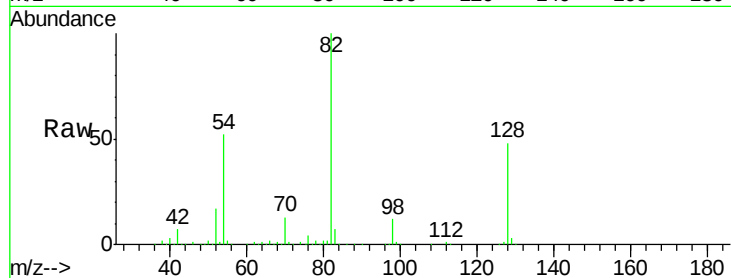




#23
 Nitrobenzene-d5
 Concen: 108.21 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

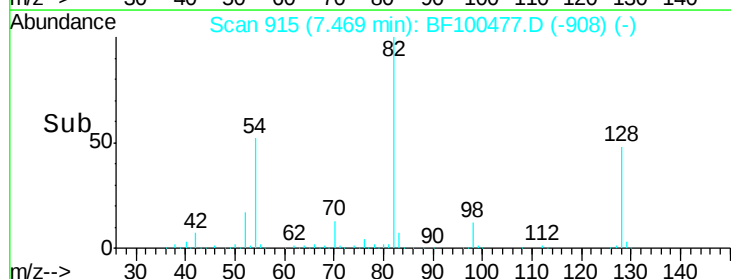
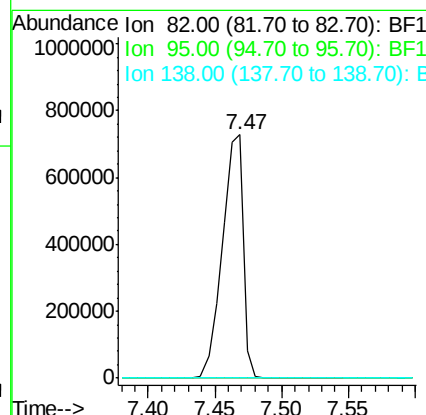
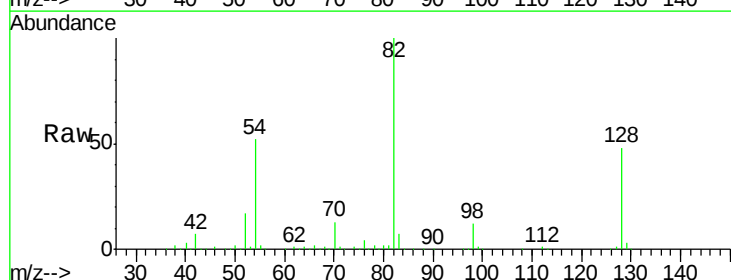
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-S

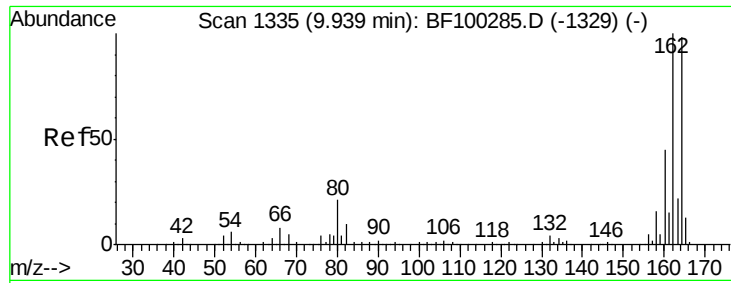
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	52.5	41.4	62.2



#25
 Isophorone
 Concen: 51.34 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.26 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

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

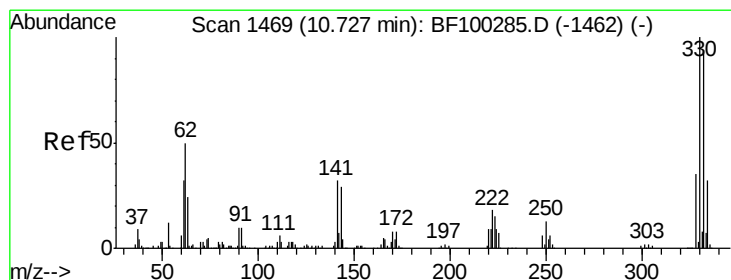
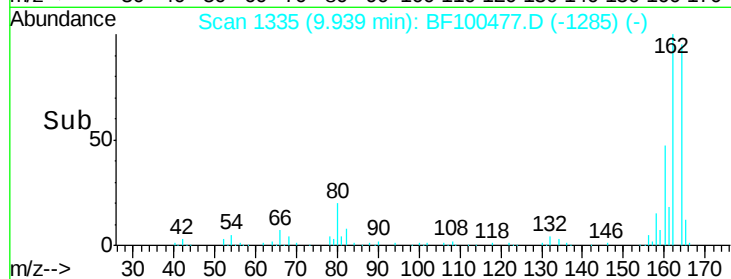
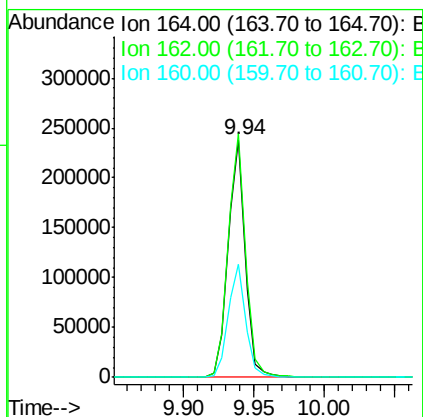
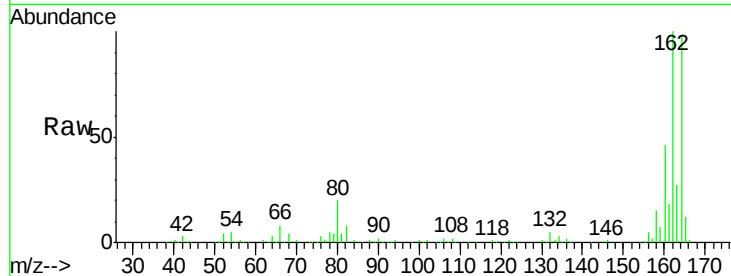




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

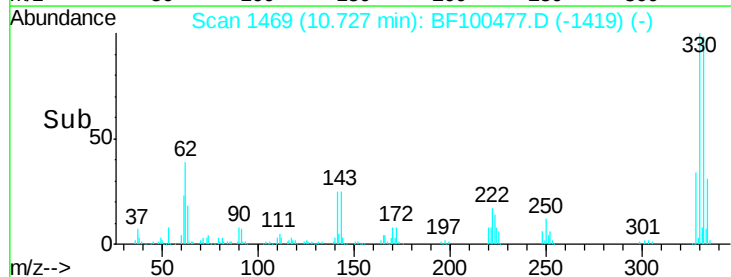
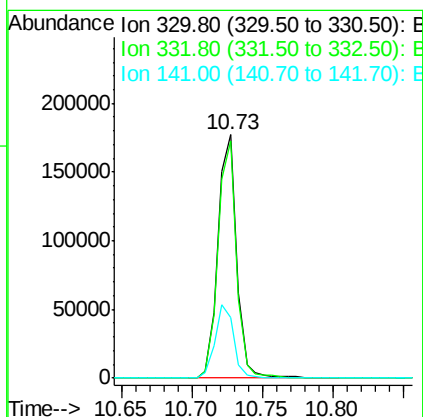
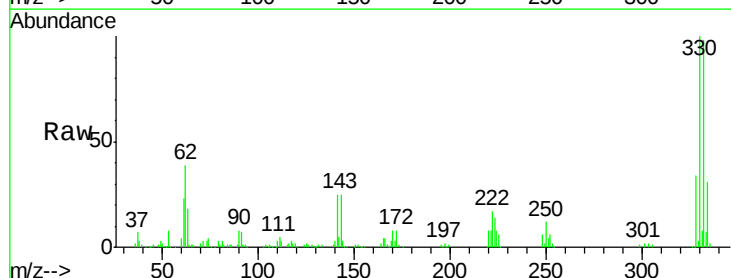
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 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-S

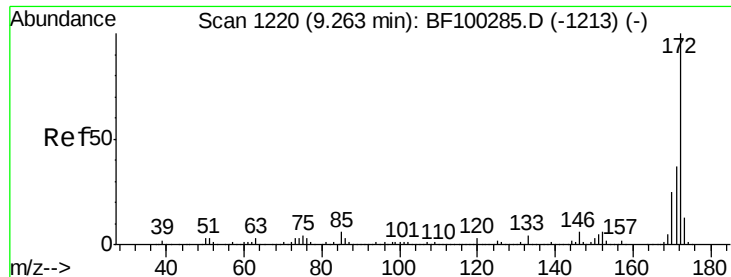
Tgt Ion:164 Resp: 200978
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 47.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.90 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

Tgt Ion:330 Resp: 163635
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 30.2 29.9 44.9

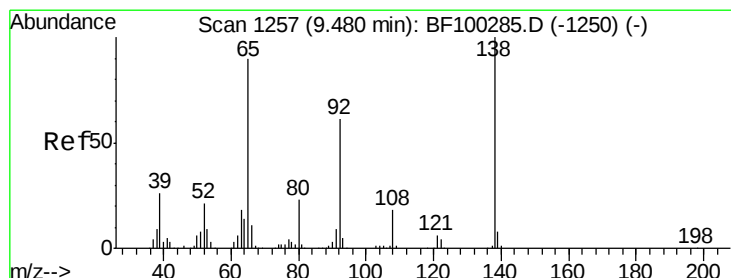
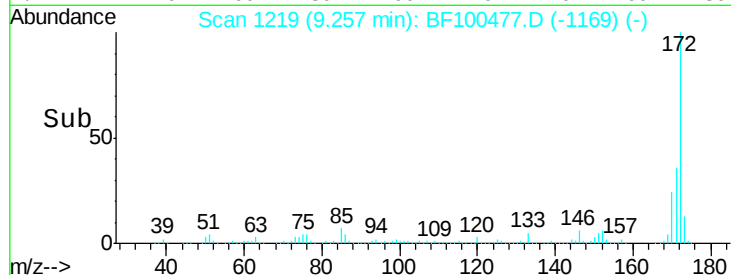
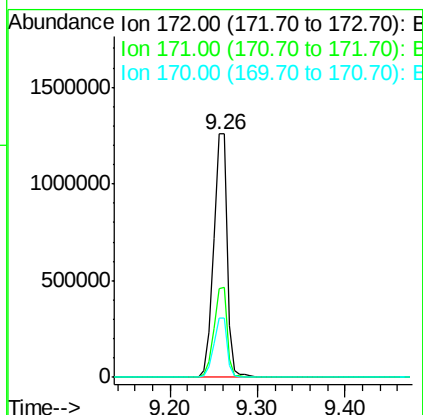
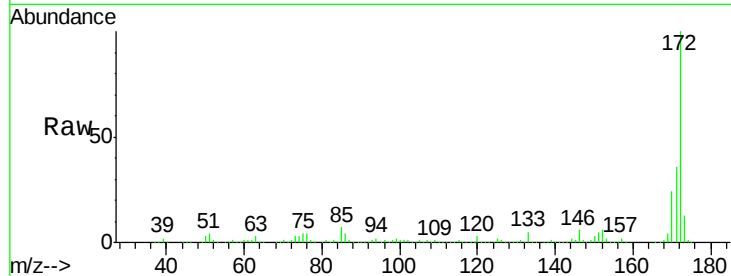




#44
 2-Fluorobiphenyl
 Concen: 103.58 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

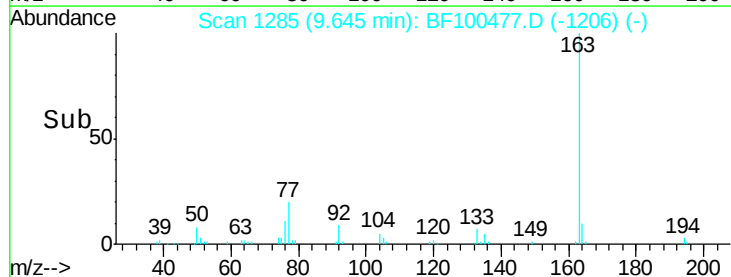
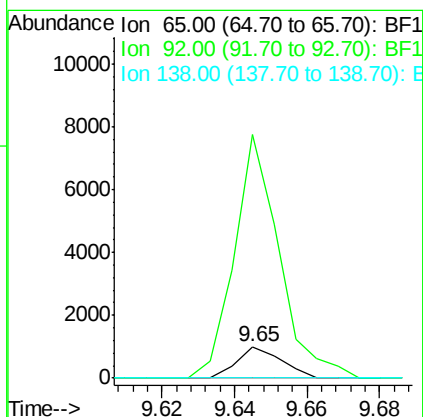
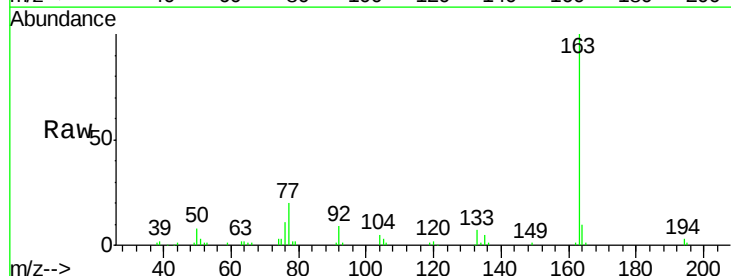
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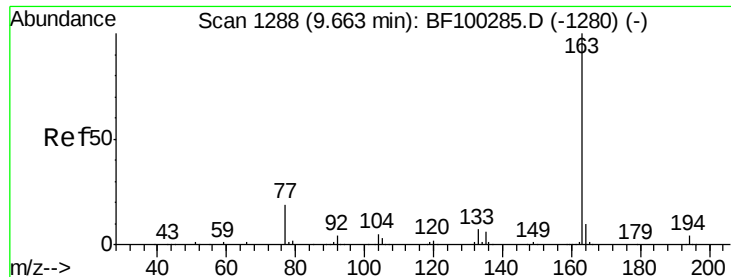
Tgt Ion:172 Resp: 1367164
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.00 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

Tgt Ion: 65 Resp: 843
 Ion Ratio Lower Upper
 65 100
 92 778.8 55.8 83.6#
 138 0.0 91.2 136.8#

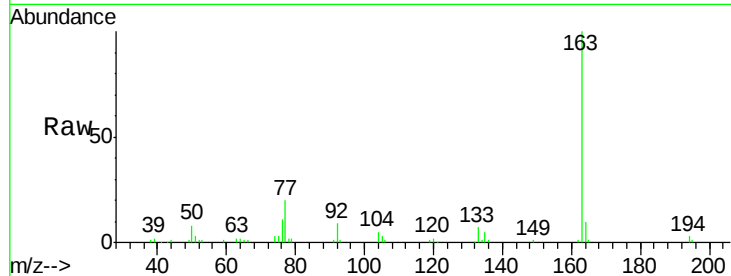




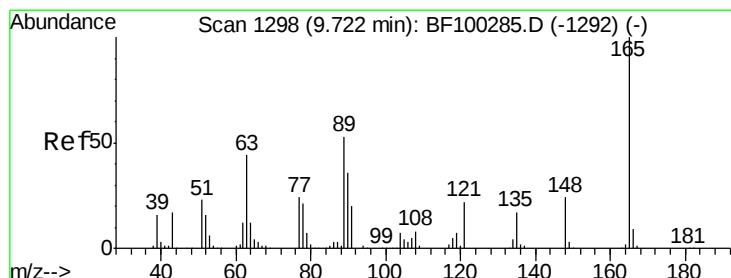
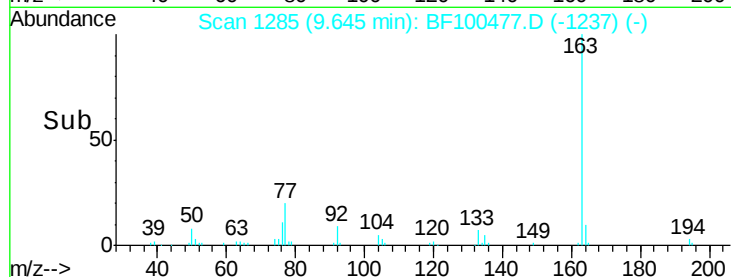
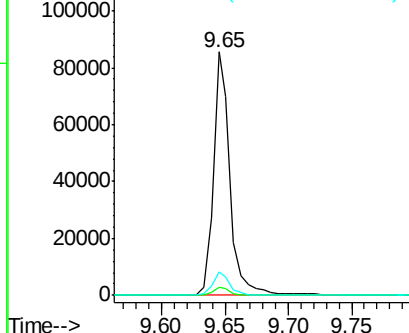
#49
Dimethylphthalate
Concen: 5.16 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-S

Tgt Ion:163 Resp: 79119
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 8.2 12.2

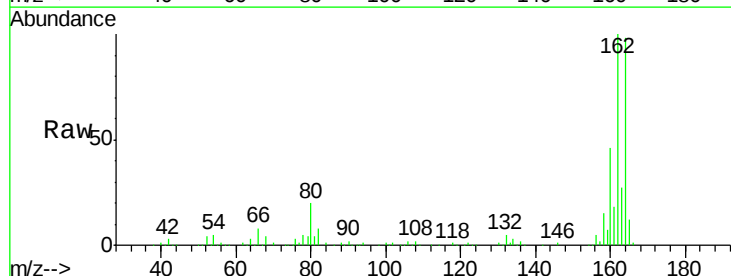


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

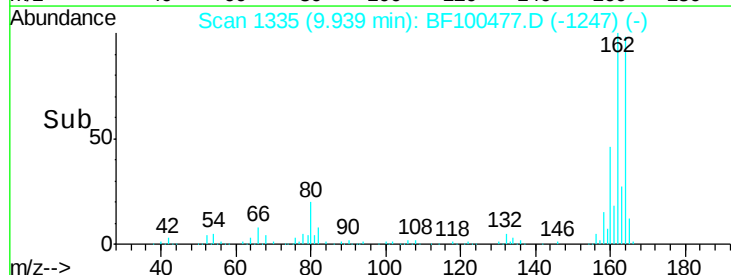
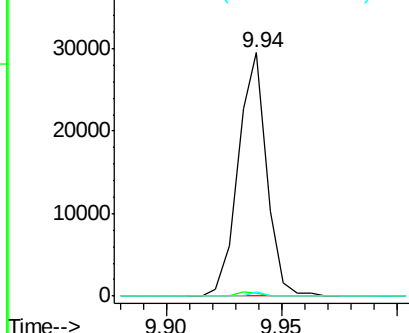


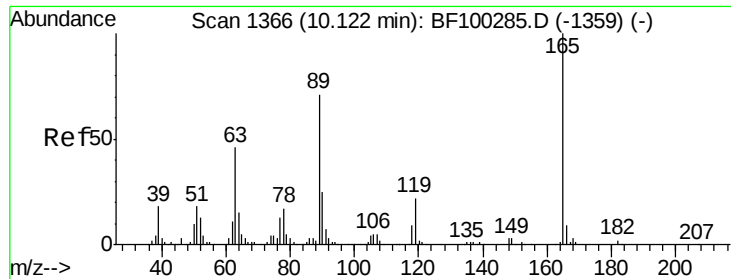
#50
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

Tgt Ion:165 Resp: 25347
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.8 44.0 66.0#



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

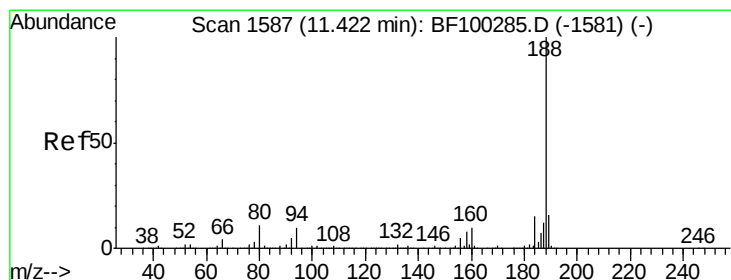
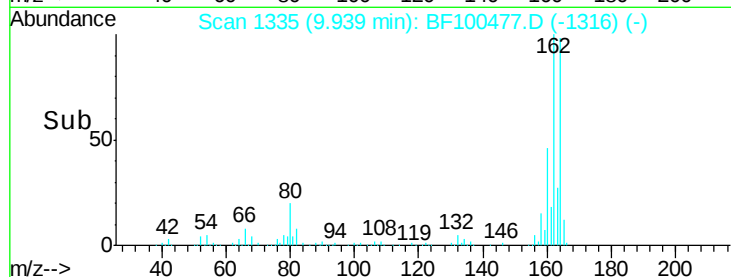
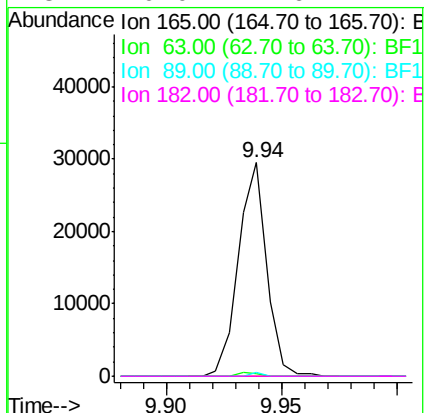
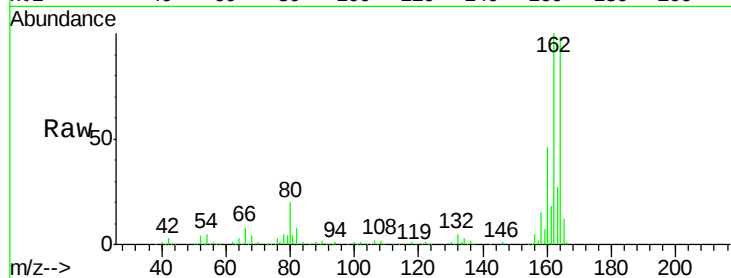




#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

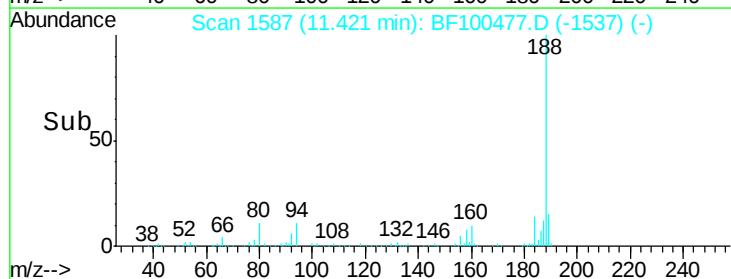
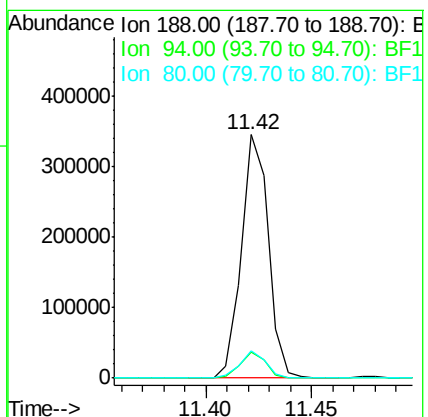
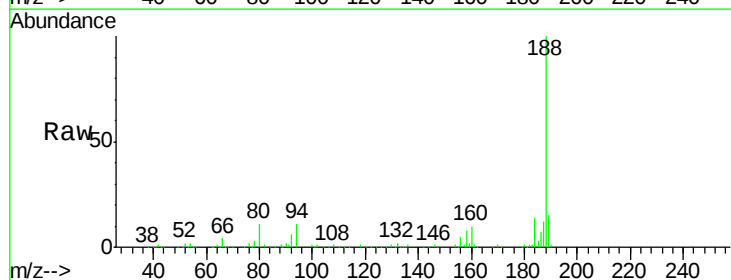
Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

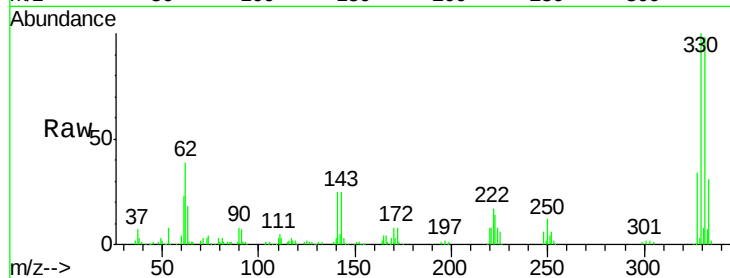




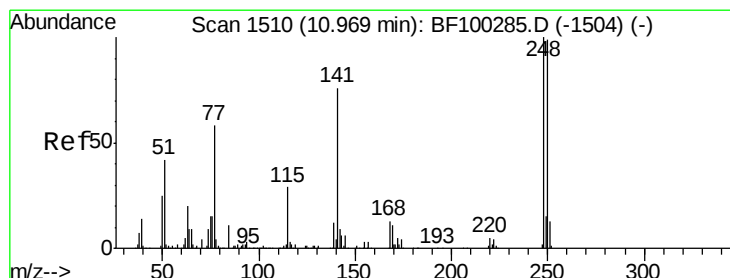
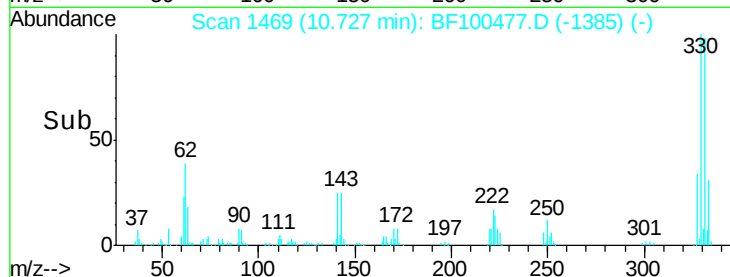
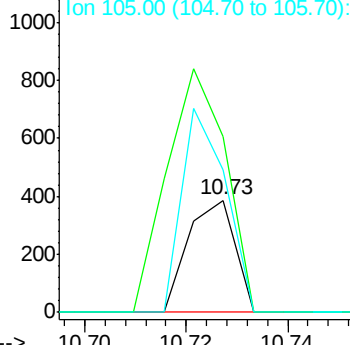
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

Instrument :
 BNA_F
 ClientSampleId :
 110717-TIDO-F-U-S

Tgt Ion:198 Resp: 247
 Ion Ratio Lower Upper
 198 100
 51 156.6 37.7 77.7#
 105 126.9 36.3 76.3#

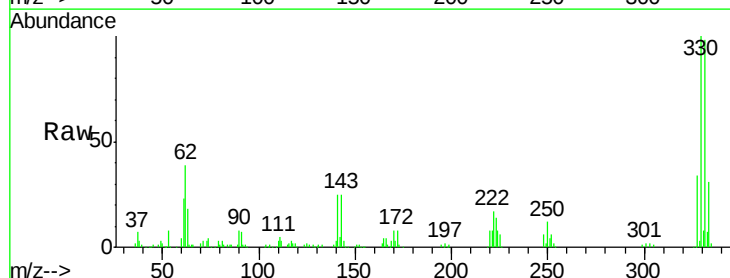


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

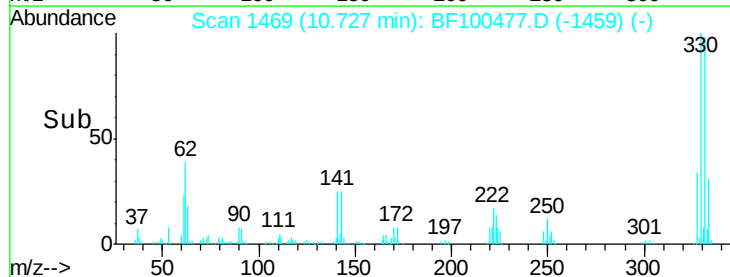
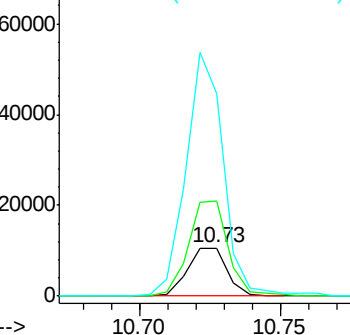


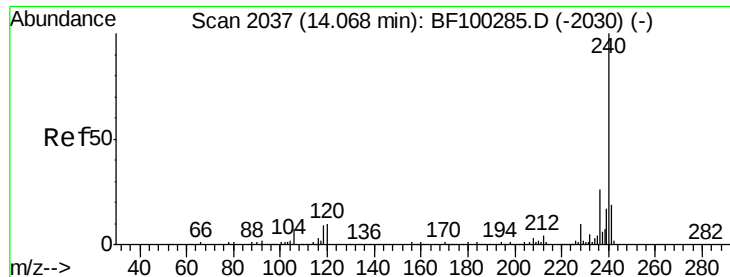
#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100477.D
 Acq: 12 Nov 2017 8:48

Tgt Ion:248 Resp: 10274
 Ion Ratio Lower Upper
 248 100
 250 196.6 76.9 115.3#
 141 418.9 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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

Instrument :

BNA_F

ClientSampleId :

110717-TIDO-F-U-S

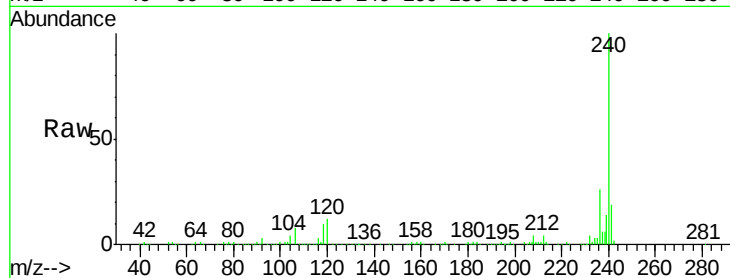
Tgt Ion:240 Resp: 270569

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

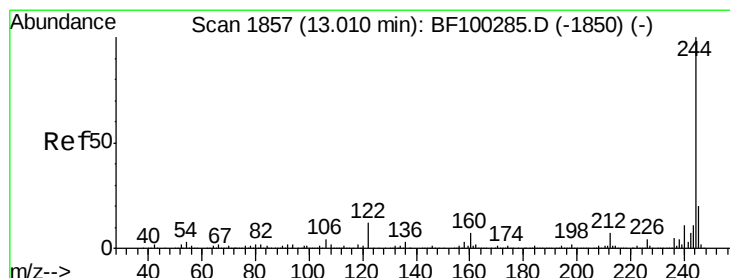
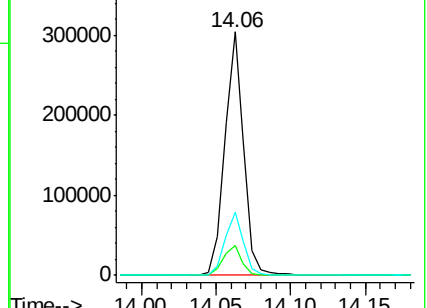
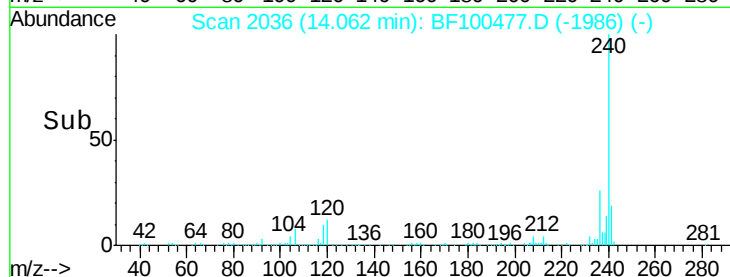
236 26.2 20.7 31.1



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: 79.71 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100477.D

Acq: 12 Nov 2017 8:48

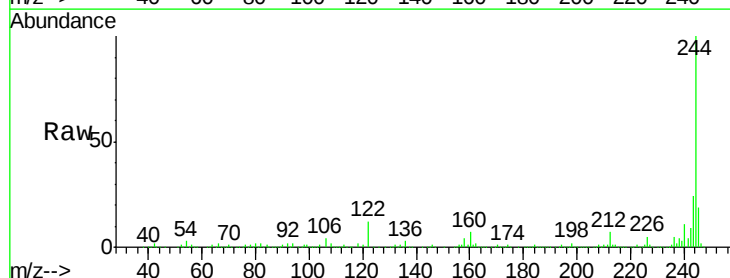
Tgt Ion:244 Resp: 938642

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

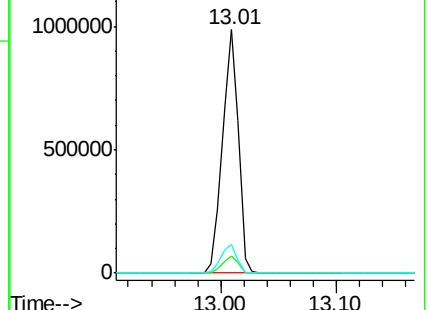
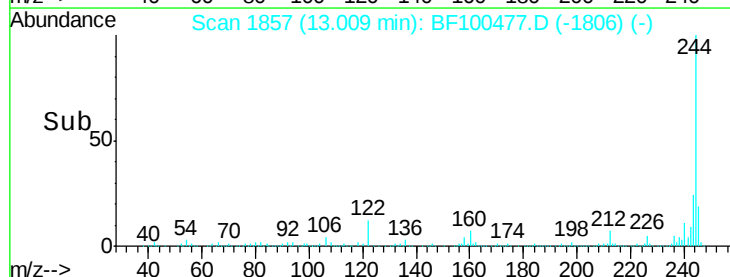
122 11.7 11.0 16.4

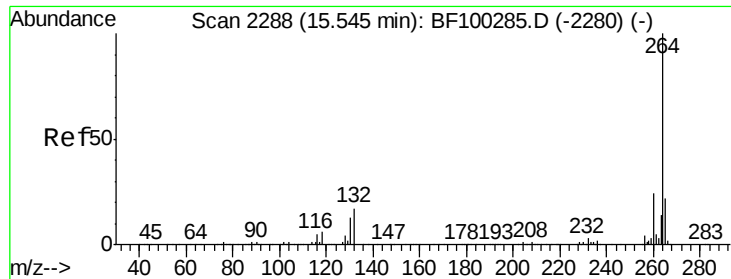


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

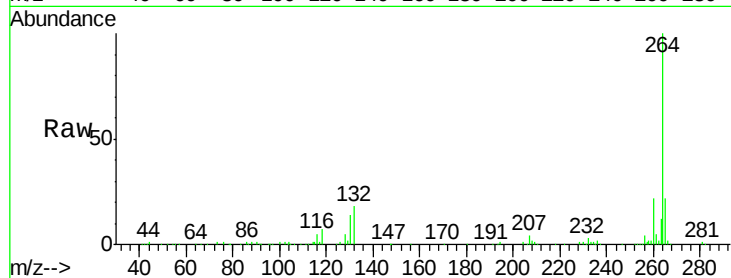




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100477.D
Acq: 12 Nov 2017 8:48

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-U-S

Tgt Ion:	264	Resp:	192840
Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

