

Data File : BF100492.D
Acq On : 12 Nov 2017 16:20
Operator : SJ/JU
Sample : I6403-05
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-B

Quant Time: Nov 13 06:21:05 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	133299	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	490145	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	199269	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	300739	20.00	ng	0.00
75) Chrysene-d12	14.06	240	267869	20.00	ng	0.00
86) Perylene-d12	15.54	264	183551	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	318364	38.28	ng	0.00
7) Phenol-d6	6.52	99	239608	23.37	ng	-0.01
23) Nitrobenzene-d5	7.46	82	706256	95.26	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	141768	69.82	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	1232291	94.17	ng	0.00
78) Terphenyl-d14	13.01	244	818562	70.21	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.53	94	21751	2.02	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	93550	13.15	ng	# 81
25) Isophorone	7.46	82	703965	45.19	ng	# 64
47) 2-Nitroaniline	9.65	65	355	2.87	ng	# 1
49) Dimethylphthalate	9.65	163	52797	3.47	ng	# 98
50) 2,6-Dinitrotoluene	9.94	165	24533	8.15	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	24533	6.46	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.72	198	237	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	9048	2.81	ng	# 1

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

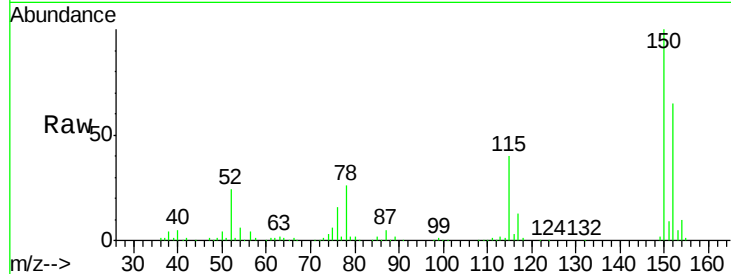


#1

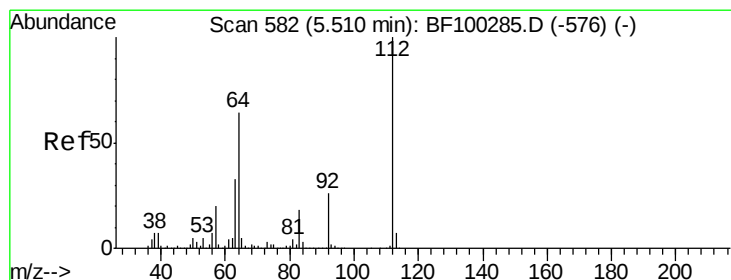
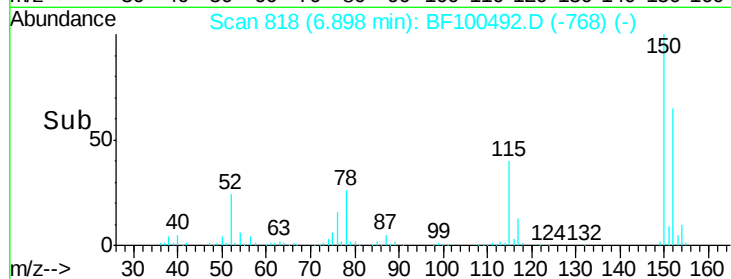
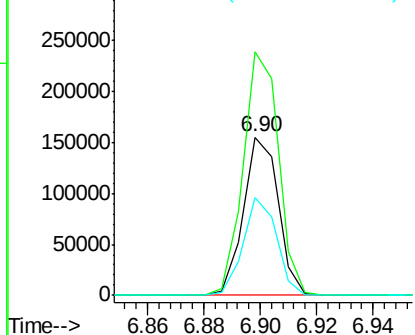
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100492.D
Acq: 12 Nov 2017 16:20

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-B

Tgt Ion:152 Resp: 133299
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.8 50.1 75.1



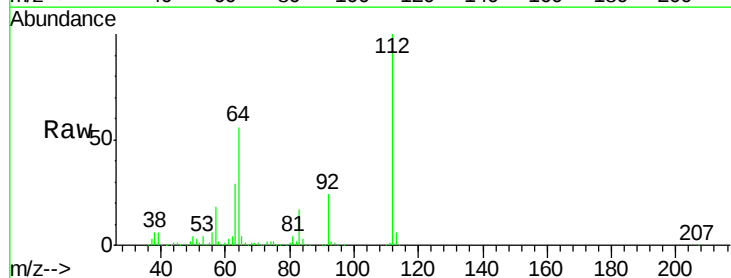
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



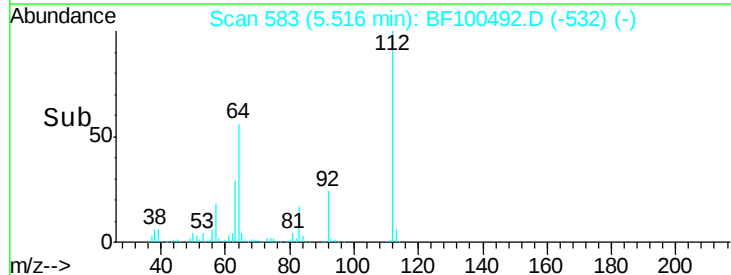
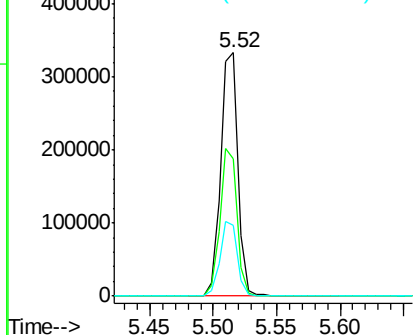
#5

2-Fluorophenol
Concen: 38.28 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100492.D
Acq: 12 Nov 2017 16:20

Tgt Ion:112 Resp: 318364
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 29.0 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: 23.37 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100492.D

Acq: 12 Nov 2017 16:20

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-B

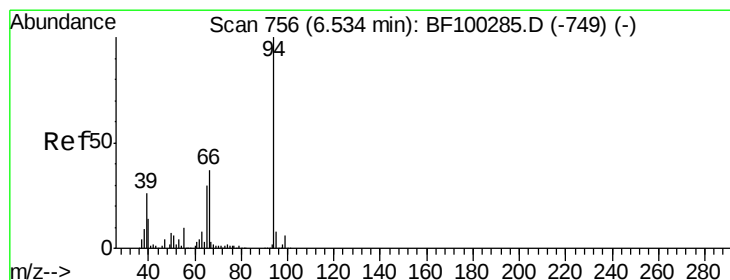
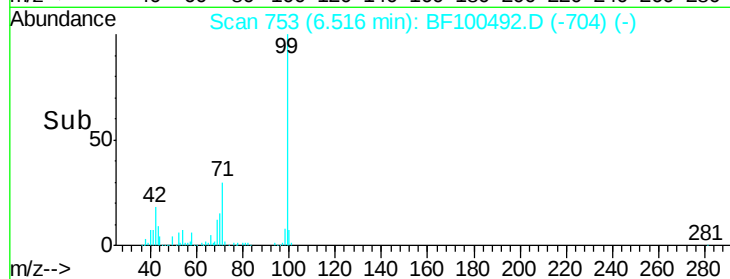
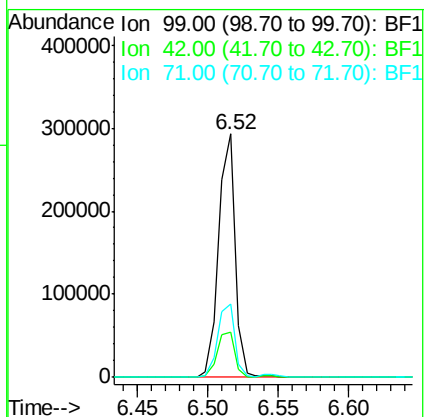
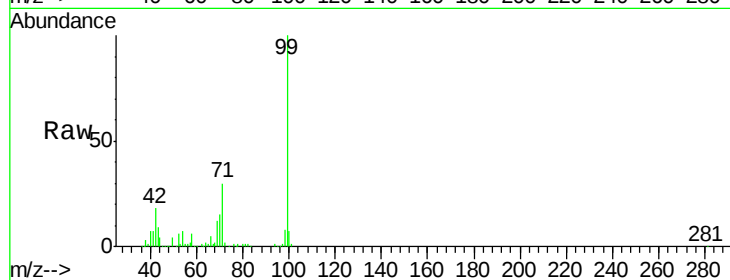
Tgt Ion: 99 Resp: 239608

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 30.3 25.4 38.0



#10

Phenol

Concen: 2.02 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100492.D

Acq: 12 Nov 2017 16:20

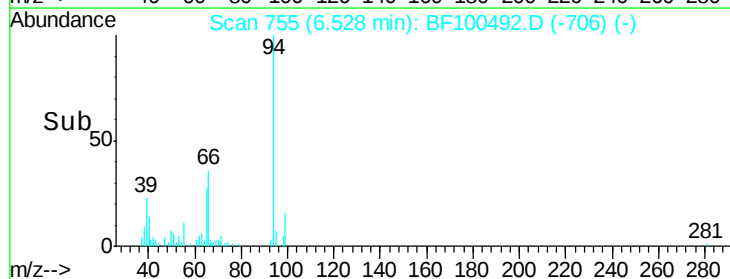
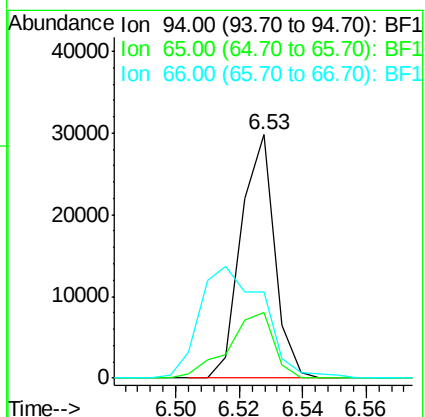
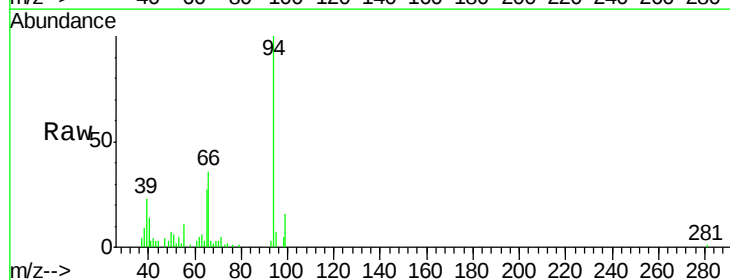
Tgt Ion: 94 Resp: 21751

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 35.5 16.2 56.2

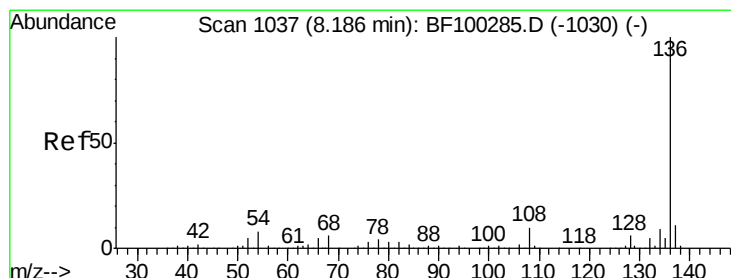
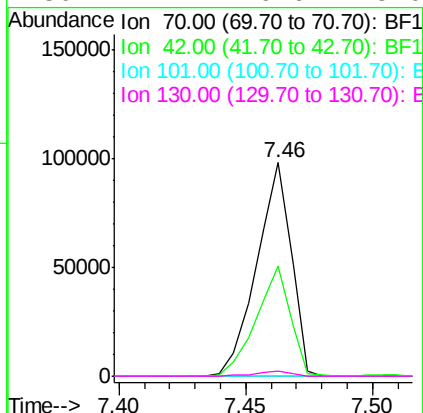
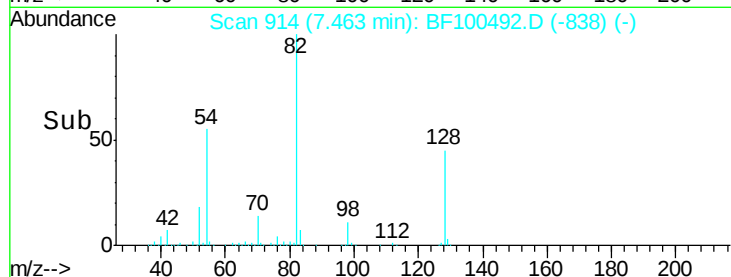
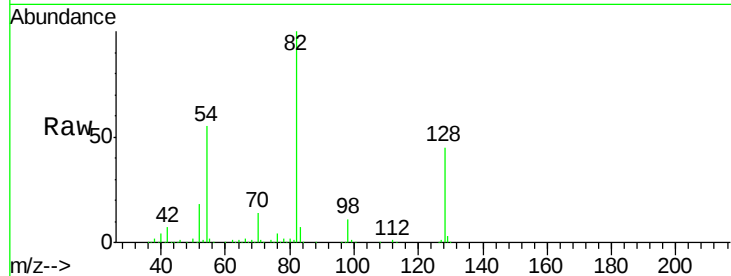




#19
n-Nitroso-di-n-propylamine
Concen: 13.15 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100492.D
Acq: 12 Nov 2017 16:20

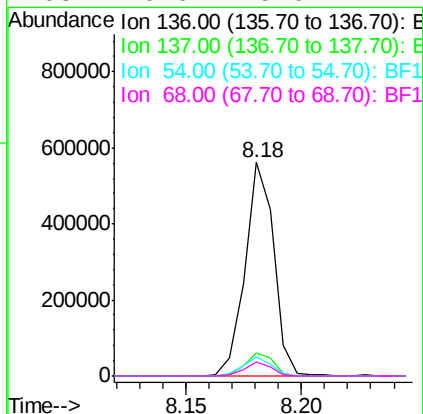
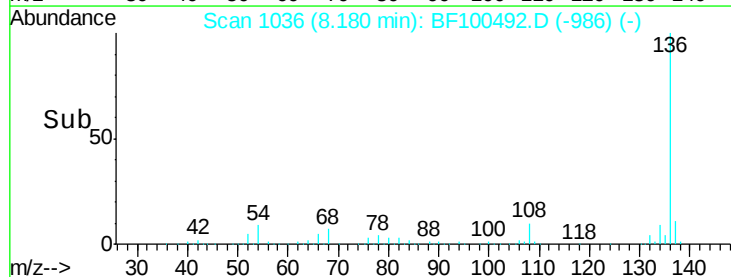
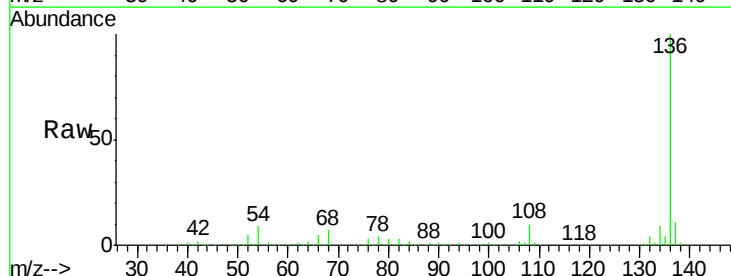
Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-B

Tgt Ion: 70 Resp: 93550
Ion Ratio Lower Upper
70 100
42 51.6 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: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100492.D
Acq: 12 Nov 2017 16:20

Tgt Ion: 136 Resp: 490145
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 6.6 9.8
68 6.6 5.0 7.4

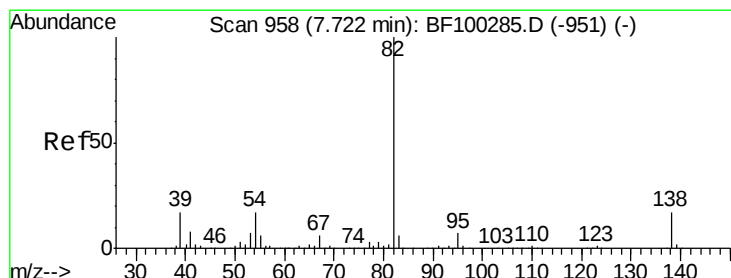
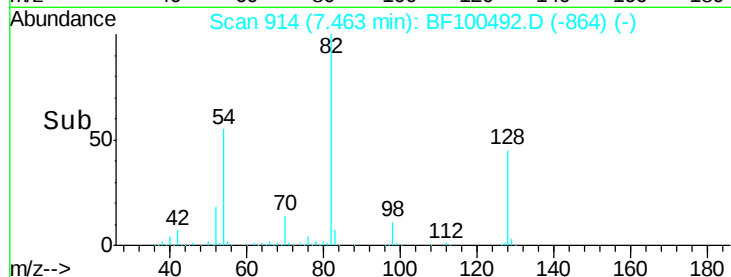
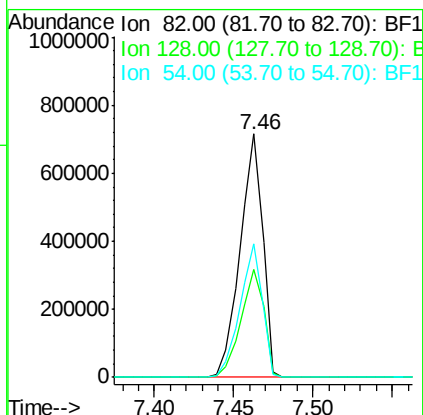
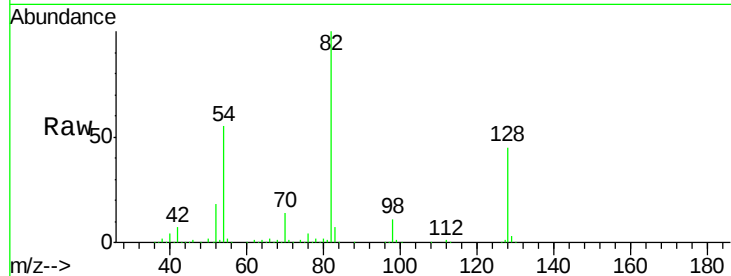




#23
 Nitrobenzene-d5
 Concen: 95.26 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

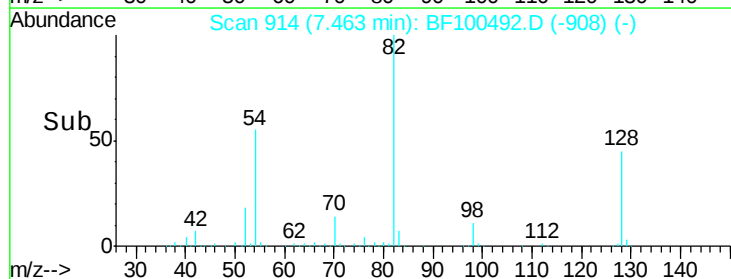
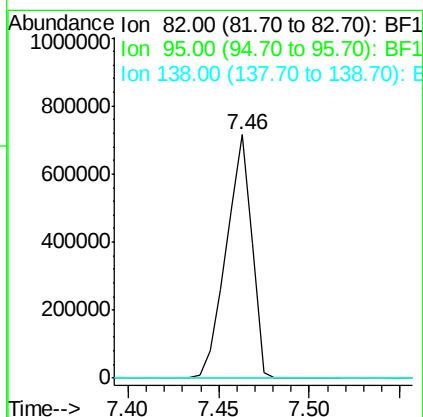
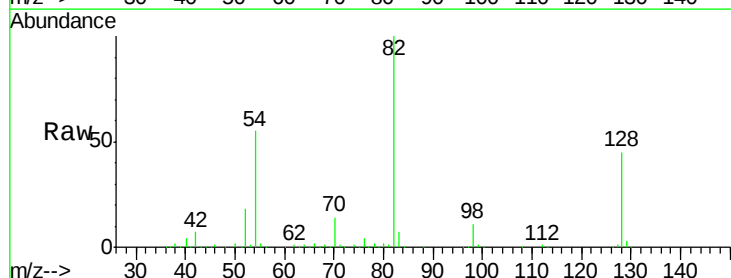
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-B

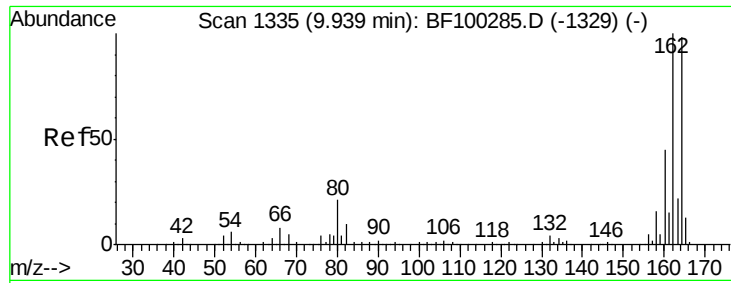
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.1	54.1
54	54.8	41.4	62.2



#25
 Isophorone
 Concen: 45.19 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

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

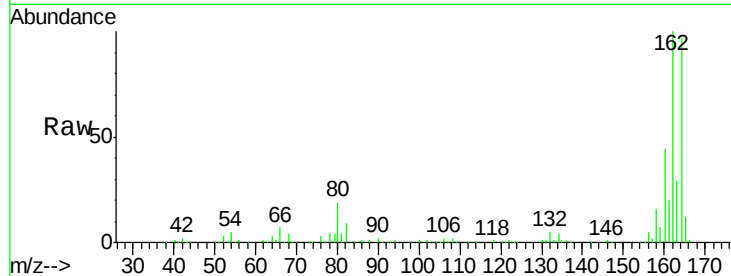




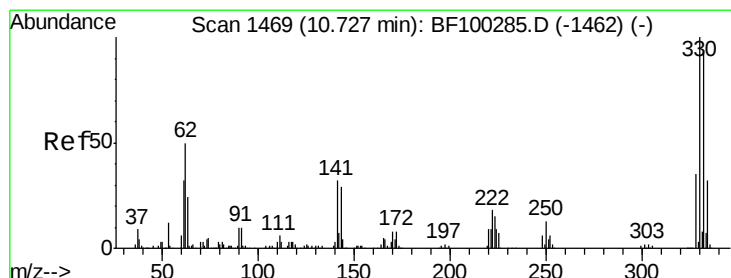
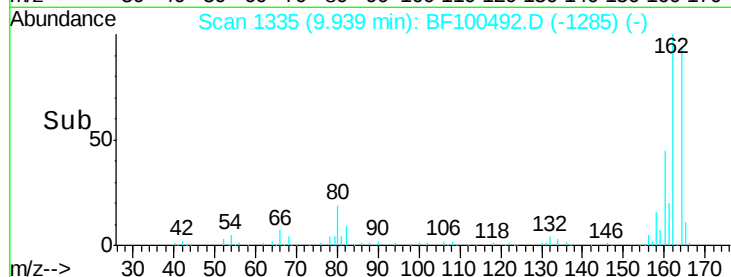
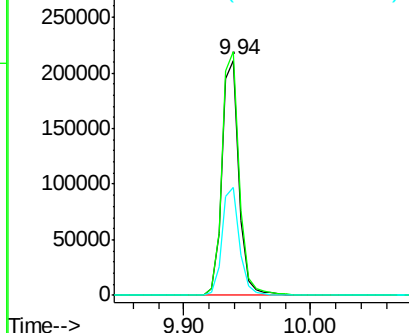
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-B

Tgt Ion	Resp	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.0	38.3	57.5

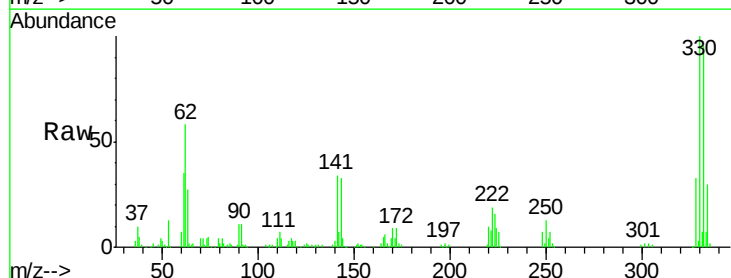


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

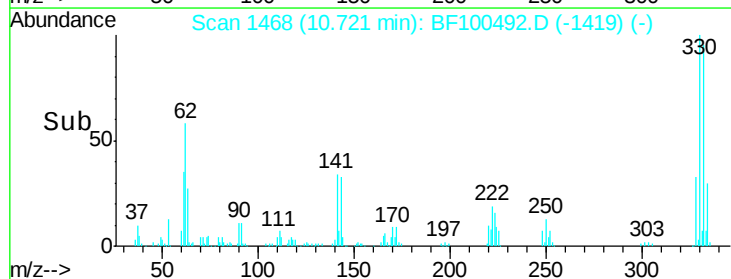
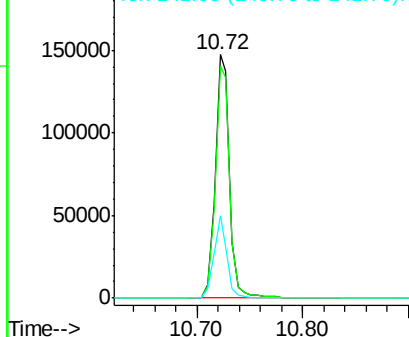


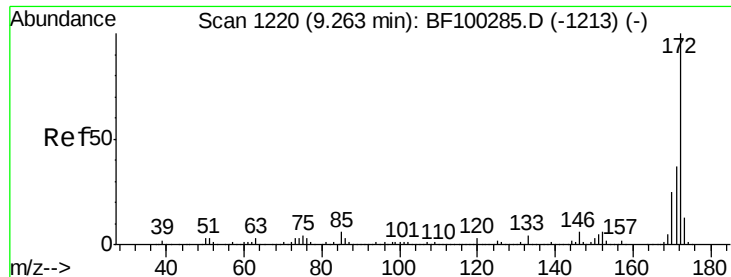
#41
 2,4,6-Tribromophenol
 Concen: 69.82 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

Tgt Ion	Resp	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	30.9	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

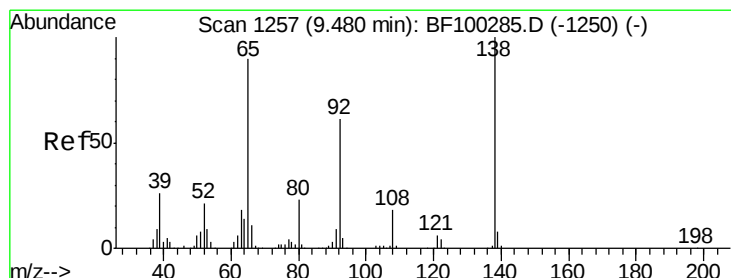
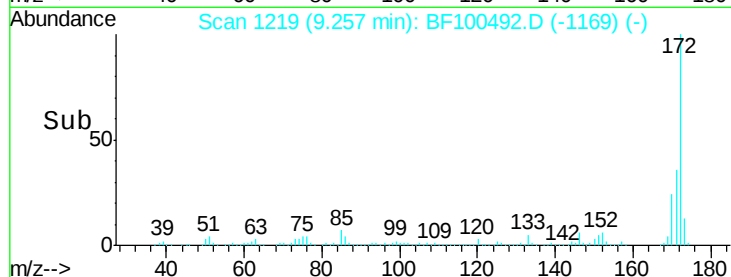
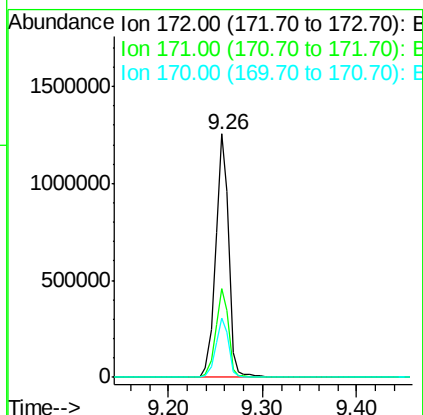
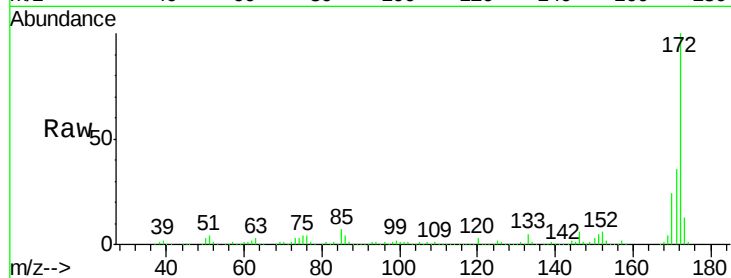




#44
 2-Fluorobiphenyl
 Concen: 94.17 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

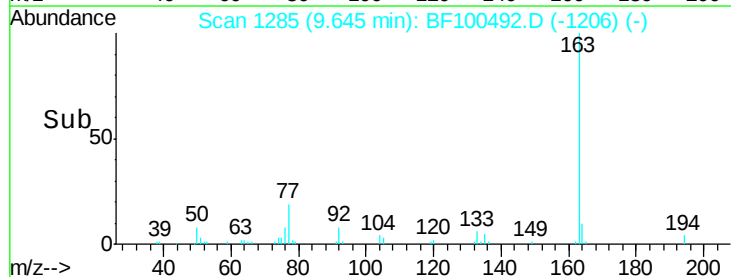
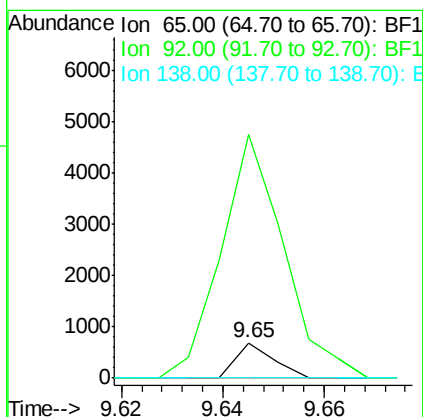
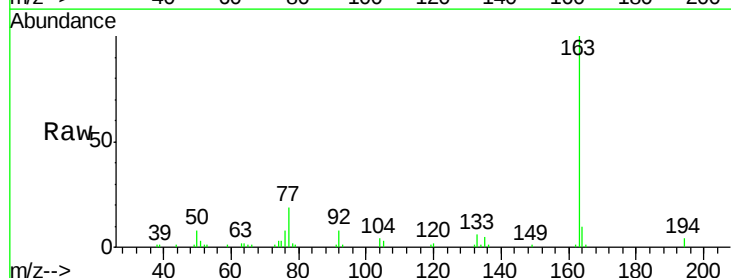
Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-B

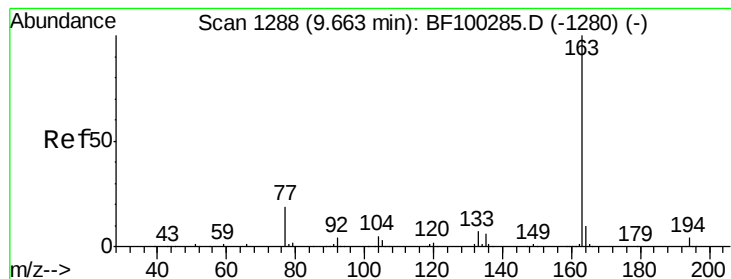
Tgt Ion: 172 Resp: 1232291
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.87 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

Tgt Ion: 65 Resp: 355
 Ion Ratio Lower Upper
 65 100
 92 683.7 55.8 83.6#
 138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 3.47 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF100492.D

Acq: 12 Nov 2017 16:20

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-B

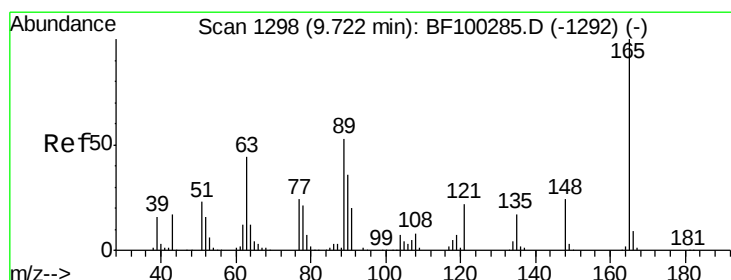
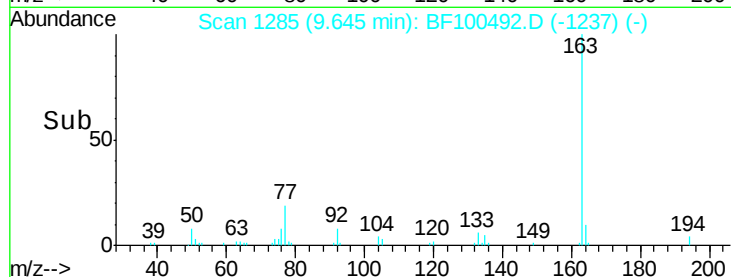
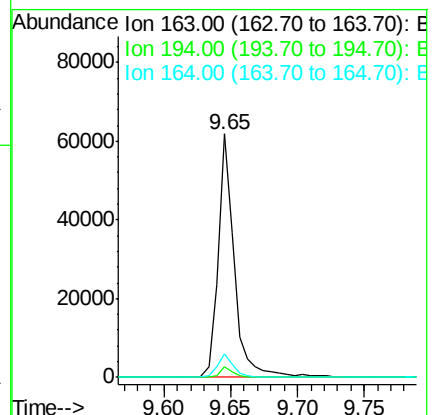
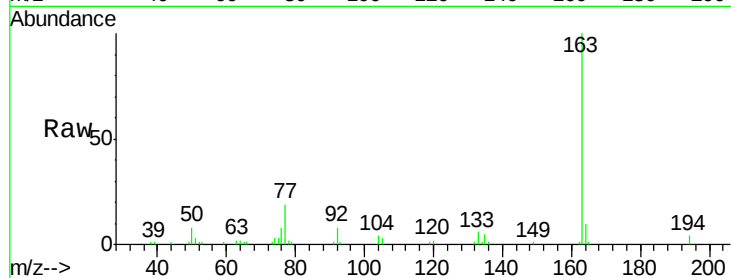
Tgt Ion:163 Resp: 52797

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

164 9.5 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 8.15 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100492.D

Acq: 12 Nov 2017 16:20

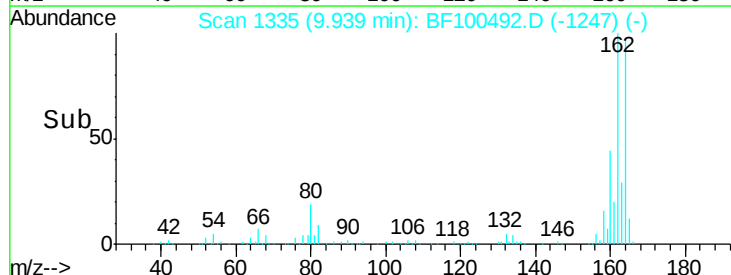
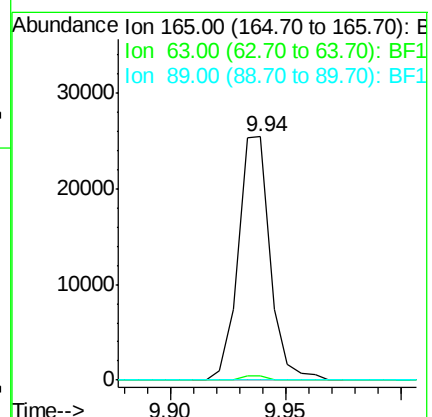
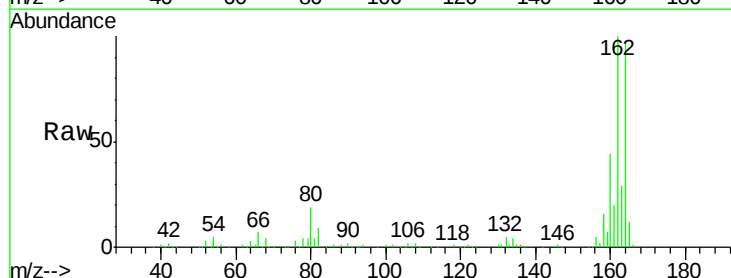
Tgt Ion:165 Resp: 24533

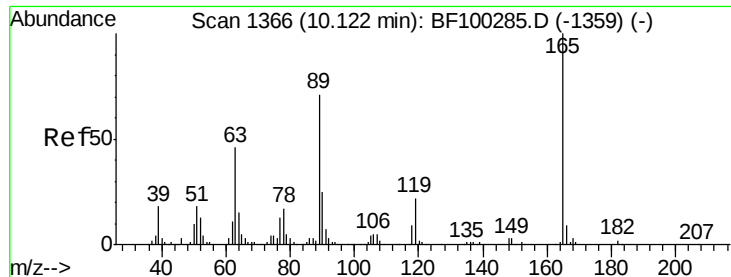
Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

89 0.0 44.0 66.0#

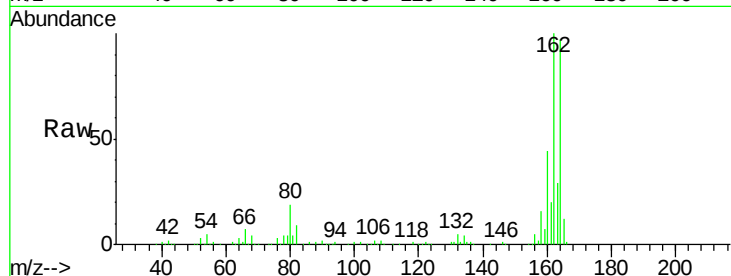




#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-B

Tgt Ion:	165	Resp:	24533
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

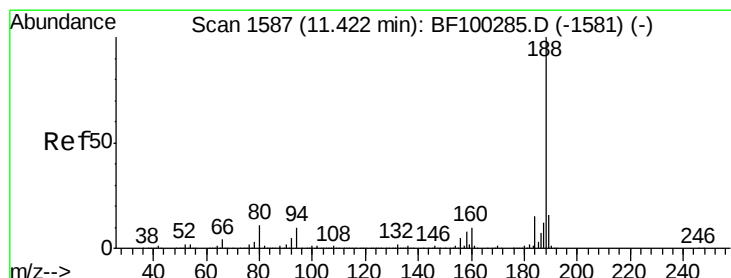
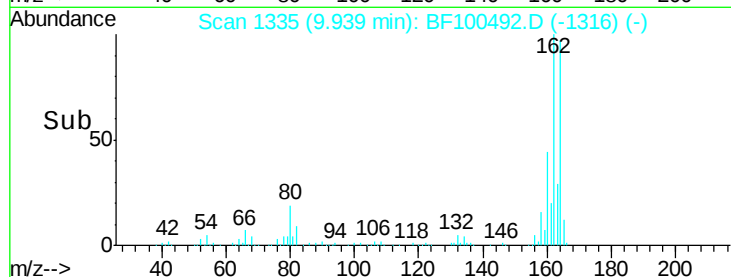
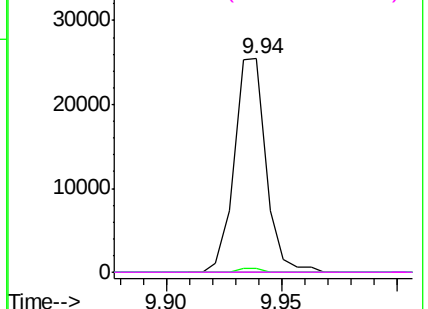


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

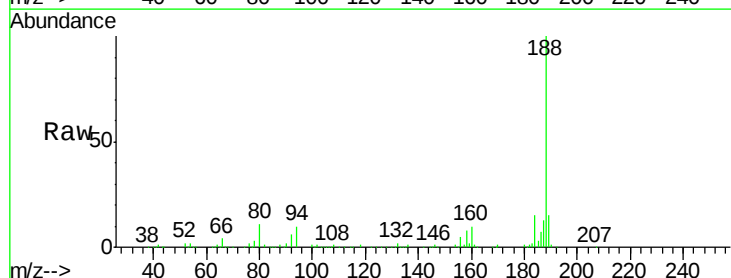
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

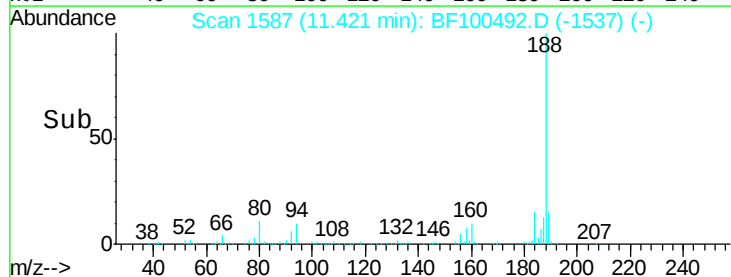
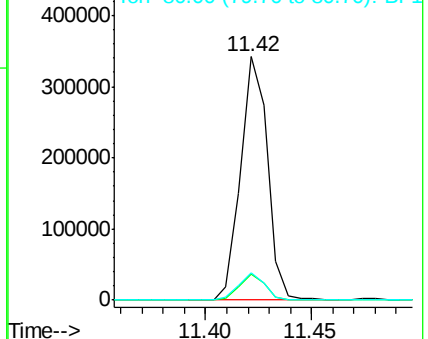
Tgt Ion:	188	Resp:	300739
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.3	9.2	13.8



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

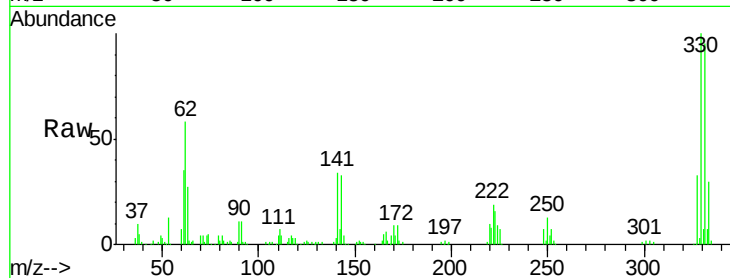




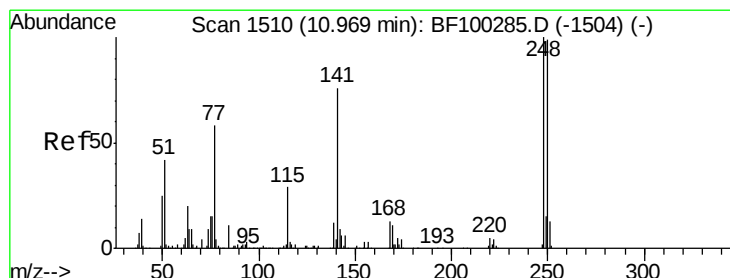
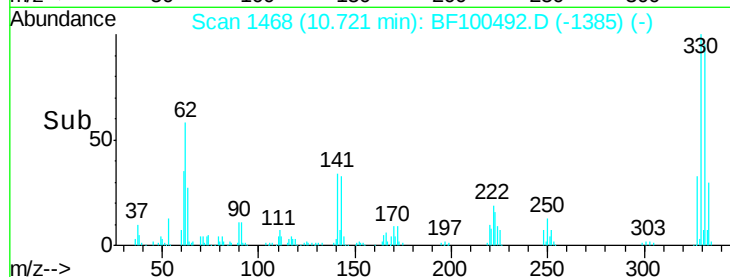
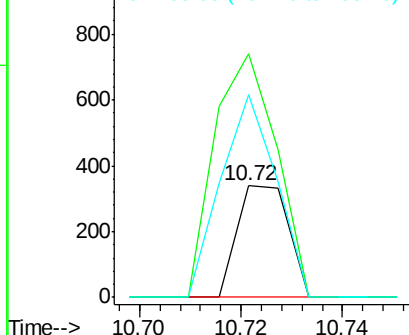
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.70 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-D-B

Tgt Ion:198 Resp: 237
 Ion Ratio Lower Upper
 198 100
 51 218.3 37.7 77.7#
 105 181.7 36.3 76.3#

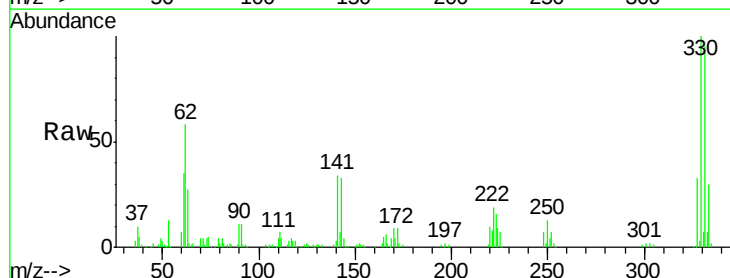


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

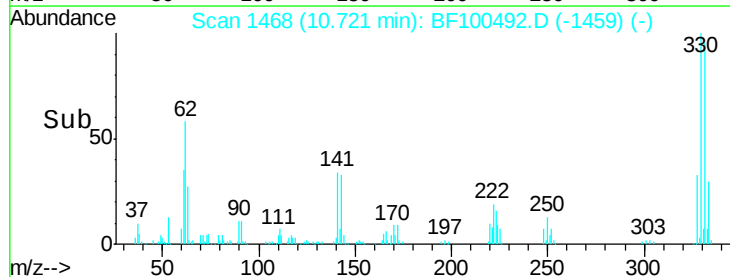
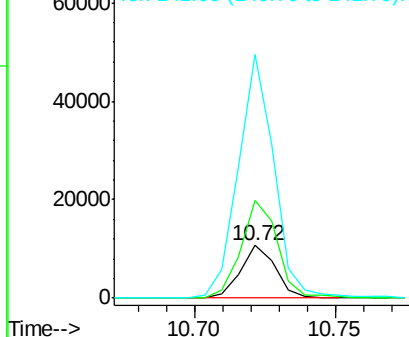


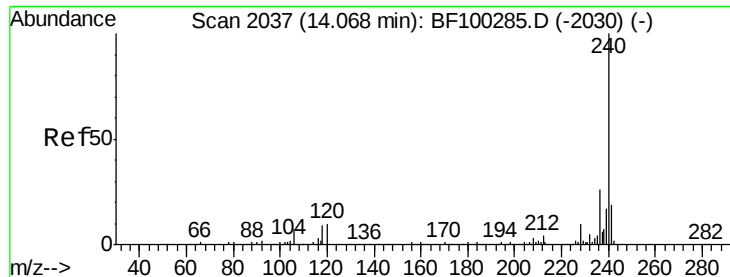
#66
 4-Bromophenyl-phenylether
 Concen: 2.81 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100492.D
 Acq: 12 Nov 2017 16:20

Tgt Ion:248 Resp: 9048
 Ion Ratio Lower Upper
 248 100
 250 186.3 76.9 115.3#
 141 465.6 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: BF100492.D

Acq: 12 Nov 2017 16:20

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-D-B

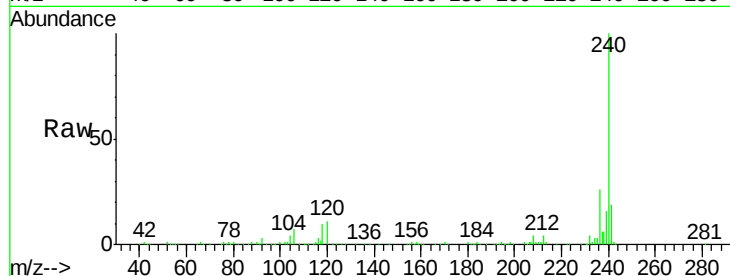
Tgt Ion:240 Resp: 267869

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

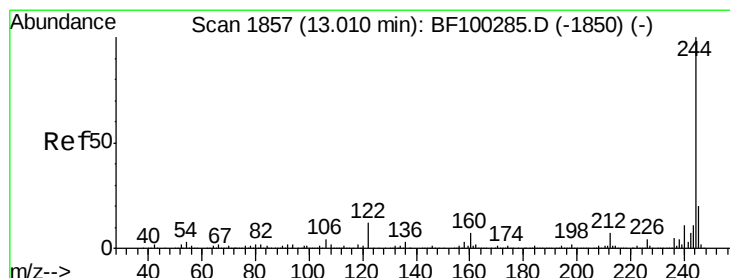
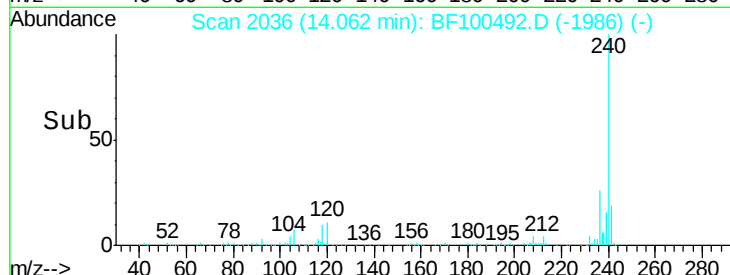
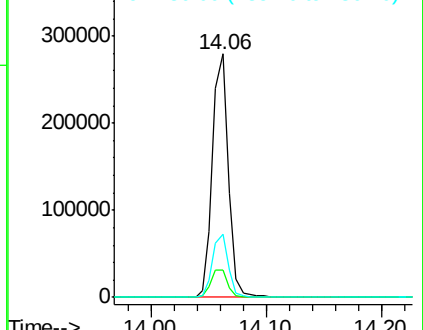
236 26.2 20.7 31.1



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: 70.21 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100492.D

Acq: 12 Nov 2017 16:20

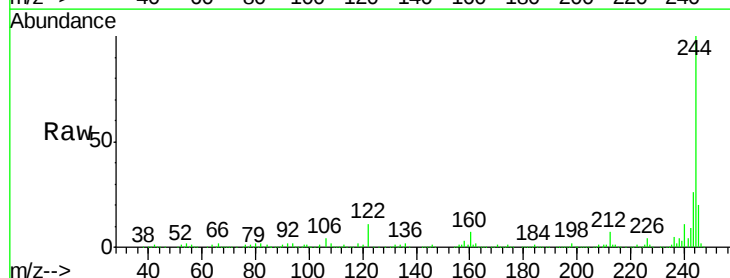
Tgt Ion:244 Resp: 818562

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

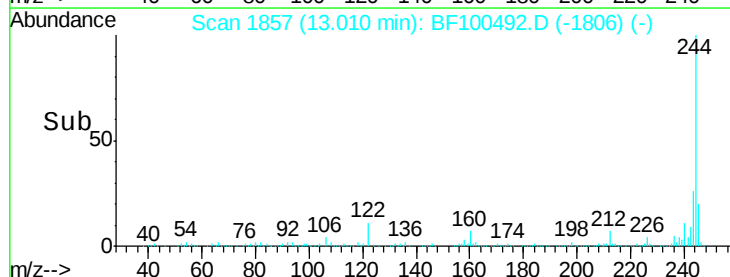
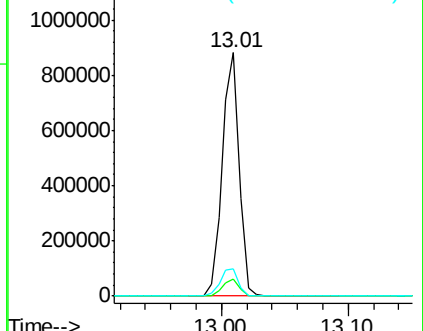
122 11.0 11.0 16.4#

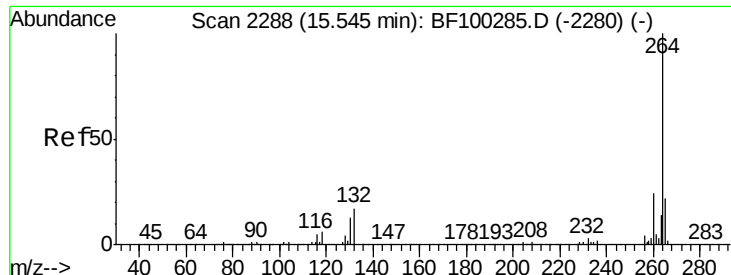


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

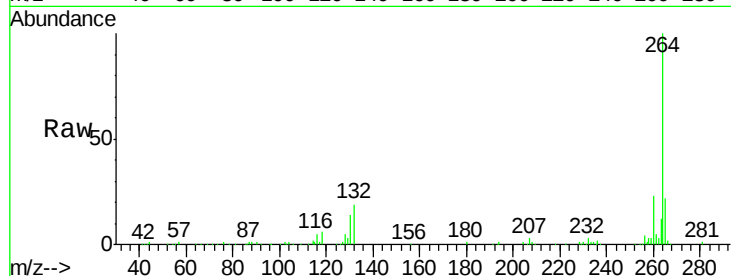




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100492.D
Acq: 12 Nov 2017 16:20

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-D-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	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

