

Data File : BF100457.D
Acq On : 11 Nov 2017 23:58
Operator : SJ/JU
Sample : I6369-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Nov 13 04:41:10 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	143497	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	532049	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	212967	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	338152	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302929	20.00	ng	0.00
86) Perylene-d12	15.55	264	217126	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	409052	45.69	ng	0.00
7) Phenol-d6	6.52	99	323438	29.30	ng	-0.01
23) Nitrobenzene-d5	7.46	82	803327	99.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	168714	77.74	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1356959	97.02	ng	0.00
78) Terphenyl-d14	13.01	244	984303	74.66	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	106973	13.97	ng	# 81
25) Isophorone	7.46	82	798945	47.24	ng	# 64
47) 2-Nitroaniline	9.26	65	1762	3.20	ng	# 1
50) 2,6-Dinitrotoluene	9.94	165	27141	8.43	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	27141	6.68	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	310	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	10299	2.84	ng	# 1

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

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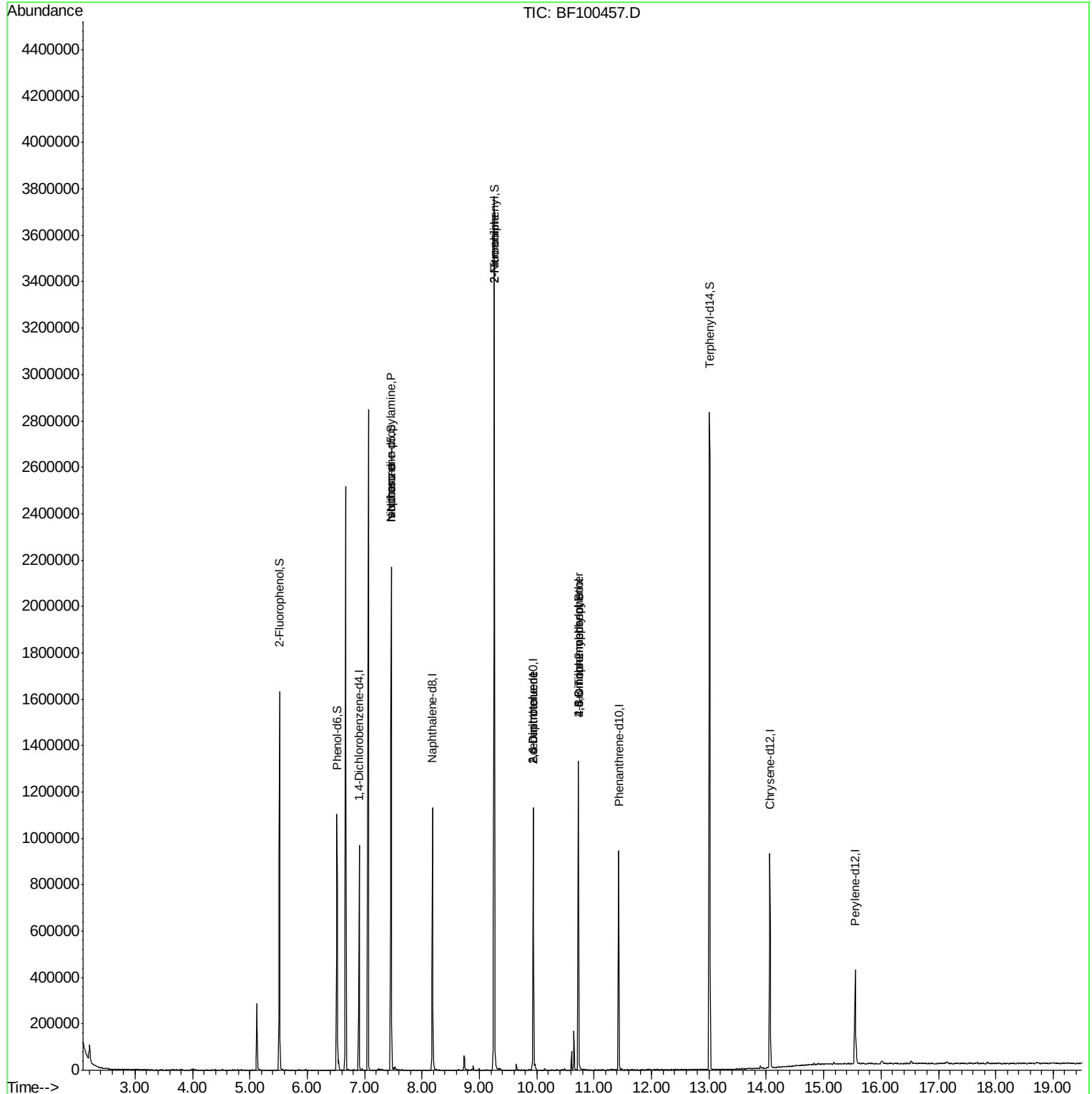
Quant Time: Nov 13 04:41:10 2017

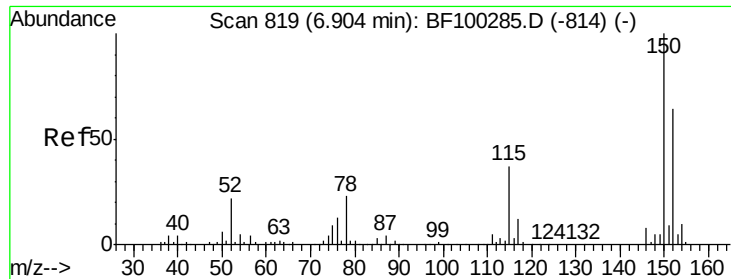
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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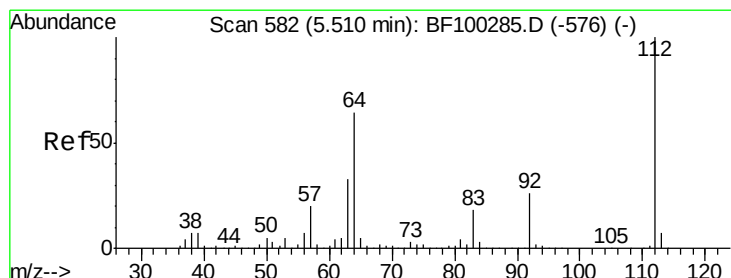
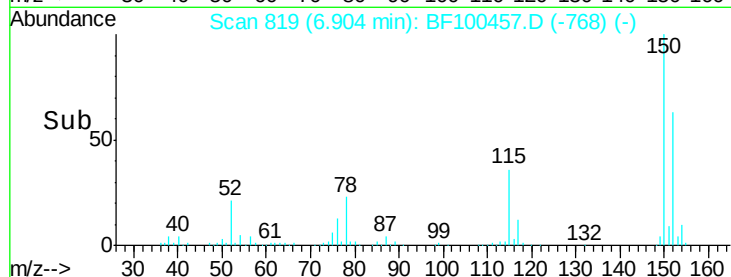
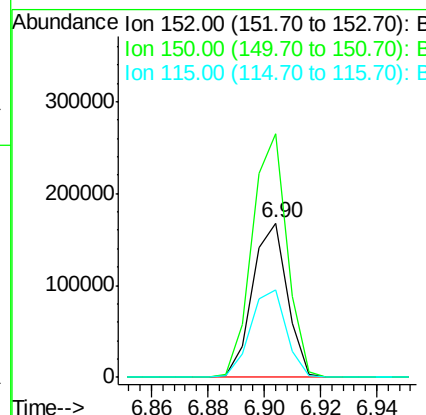
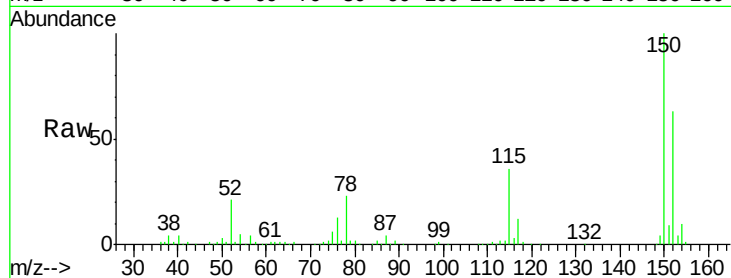




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

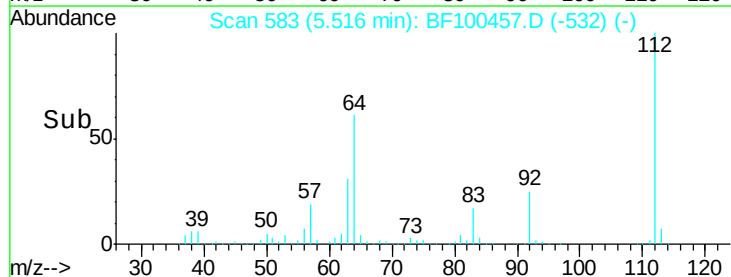
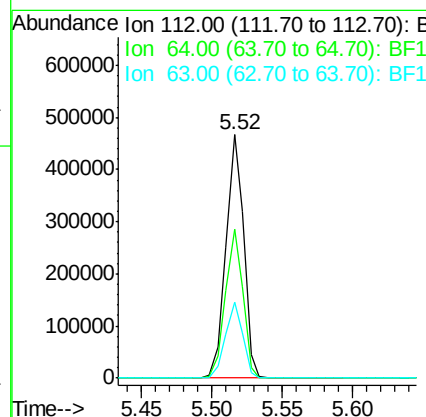
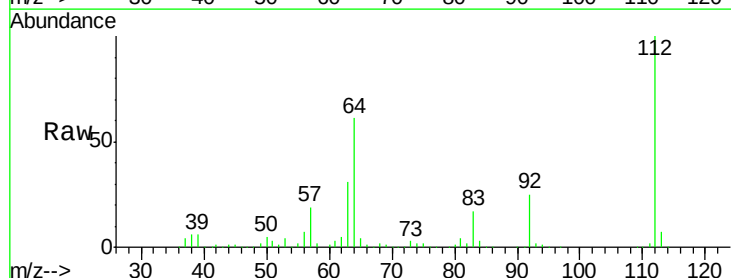
Instrument :
 BNA_F
 ClientSampleId :
 110617-TIDO-F-D-S

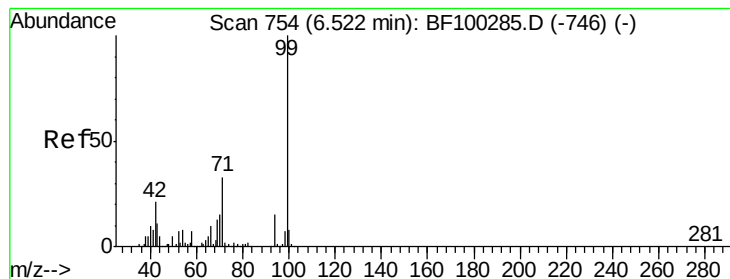
Tgt Ion:152 Resp: 143497
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 56.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 45.69 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

Tgt Ion:112 Resp: 409052
 Ion Ratio Lower Upper
 112 100
 64 61.3 47.9 71.9
 63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 29.30 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

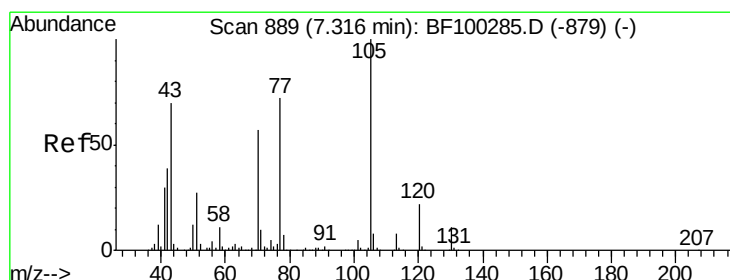
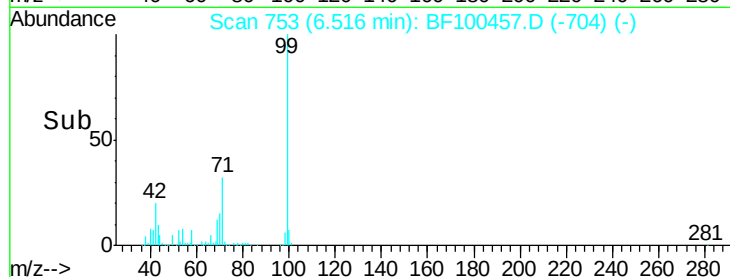
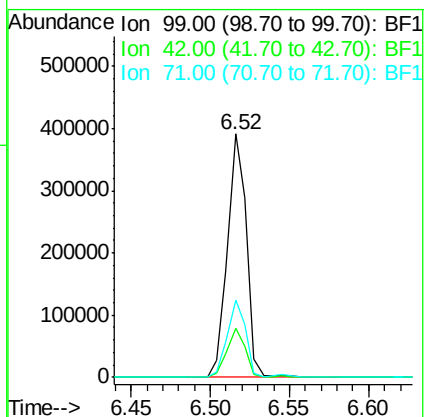
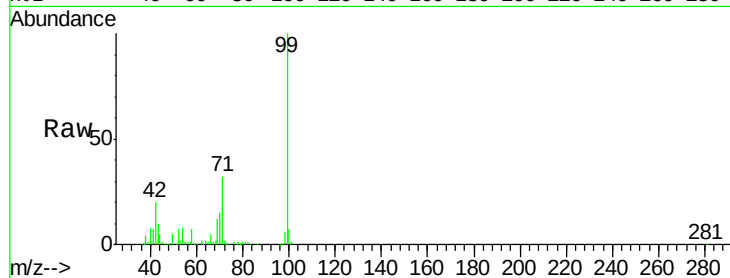
Tgt Ion: 99 Resp: 323438

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.97 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Tgt Ion: 70 Resp: 106973

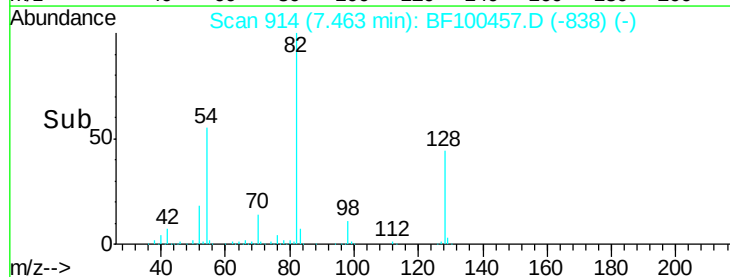
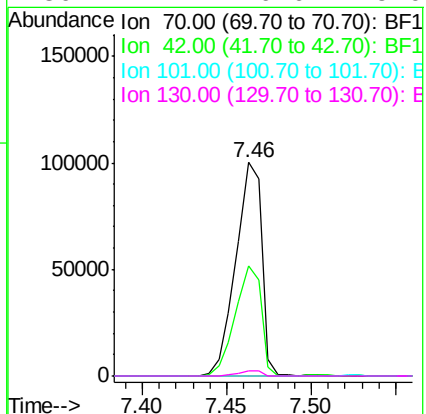
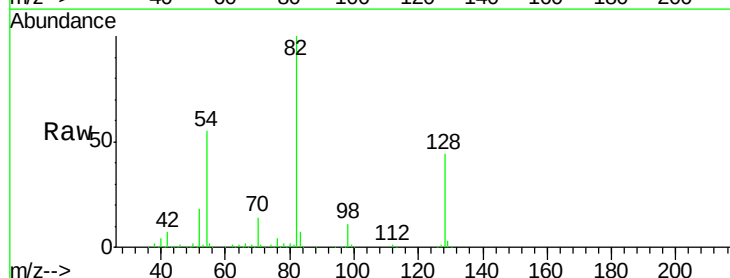
Ion Ratio Lower Upper

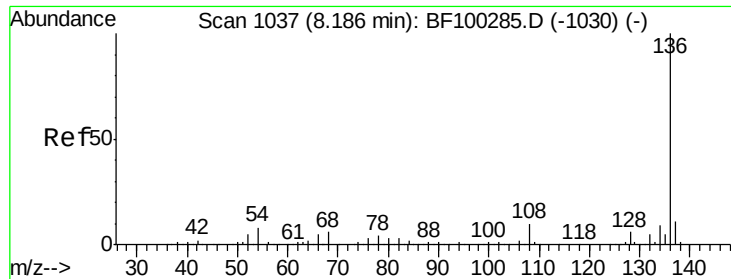
70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

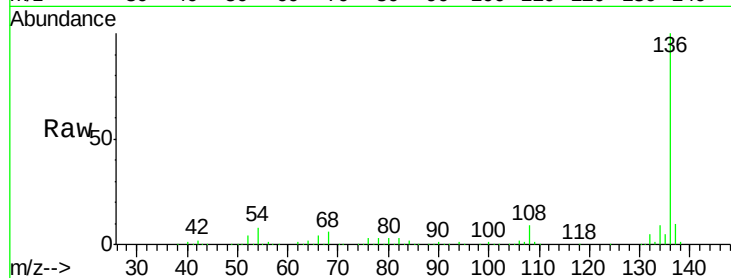




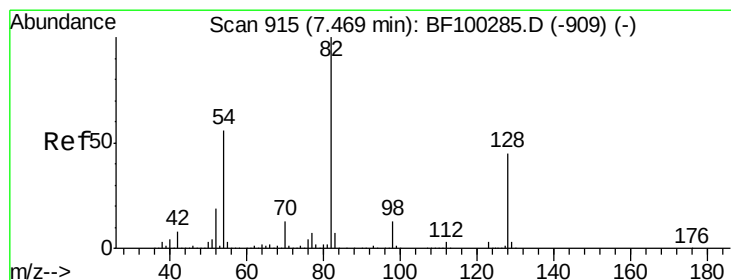
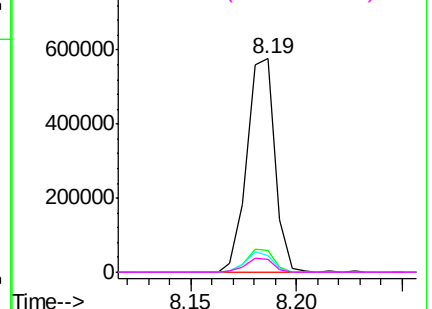
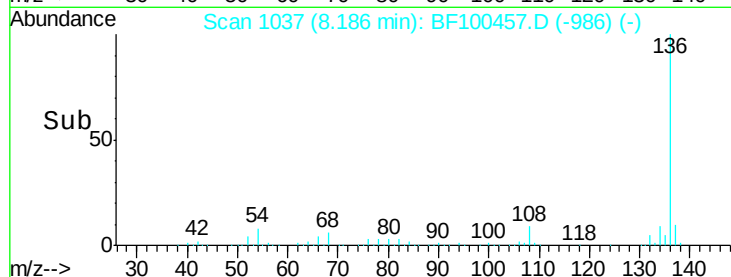
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100457.D
Acq: 11 Nov 2017 23:58

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

Tgt Ion:	136	Resp:	532049
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.1	6.6	9.8
68	5.7	5.0	7.4

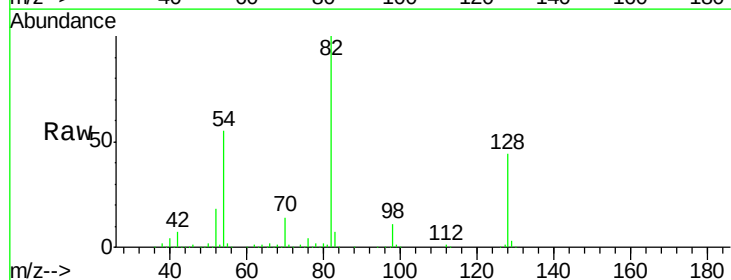


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

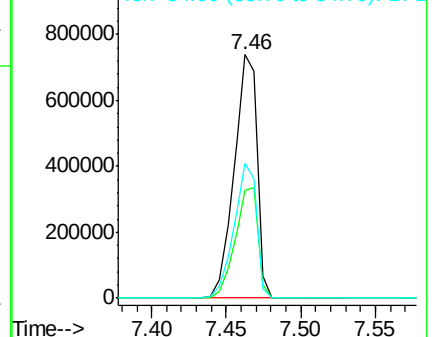
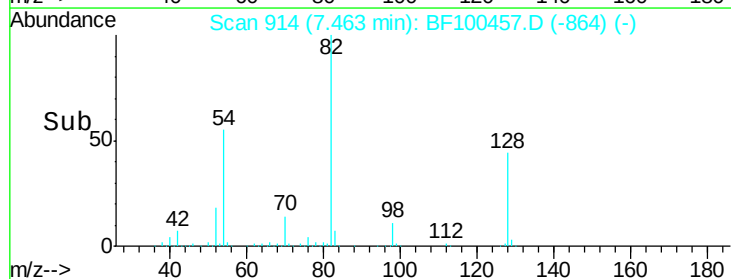


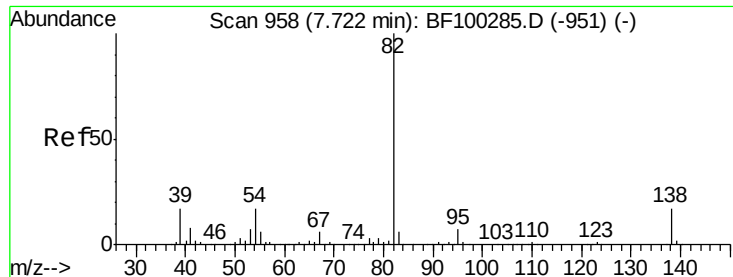
#23
Nitrobenzene-d5
Concen: 99.82 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100457.D
Acq: 11 Nov 2017 23:58

Tgt Ion:	82	Resp:	803327
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	55.2	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: 47.24 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

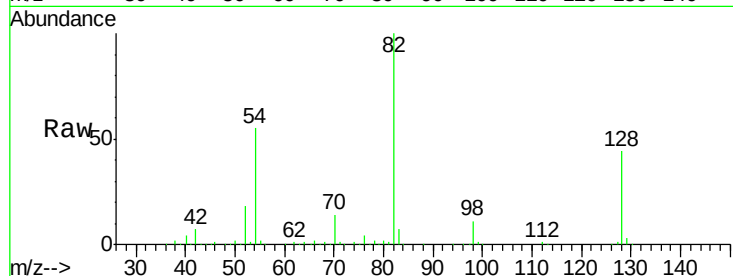
Tgt Ion: 82 Resp: 798945

Ion Ratio Lower Upper

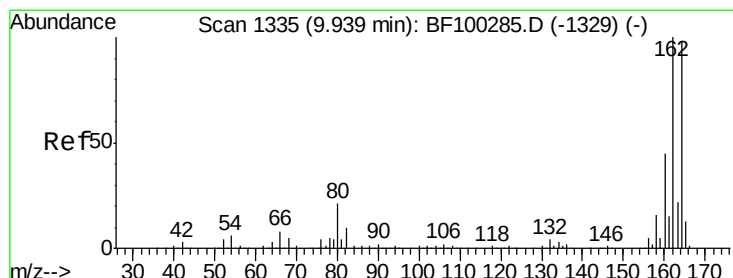
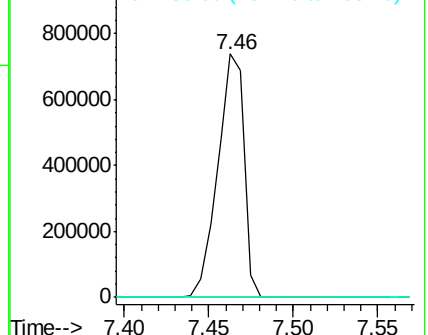
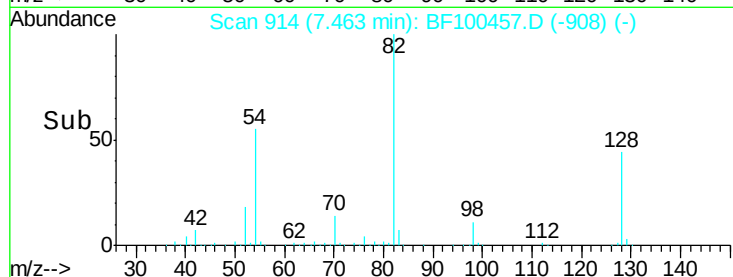
82 100

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: BF100457.D

Acq: 11 Nov 2017 23:58

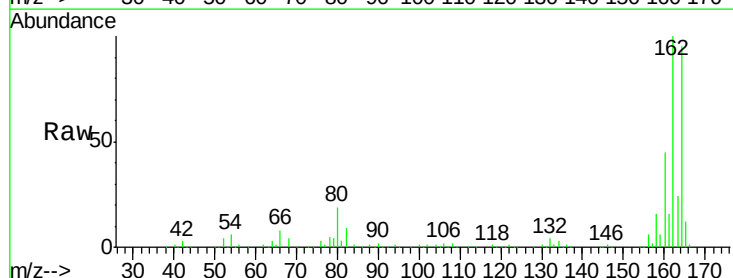
Tgt Ion: 164 Resp: 212967

Ion Ratio Lower Upper

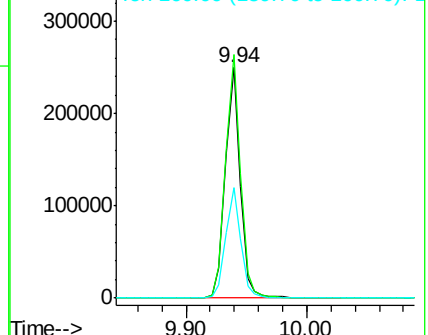
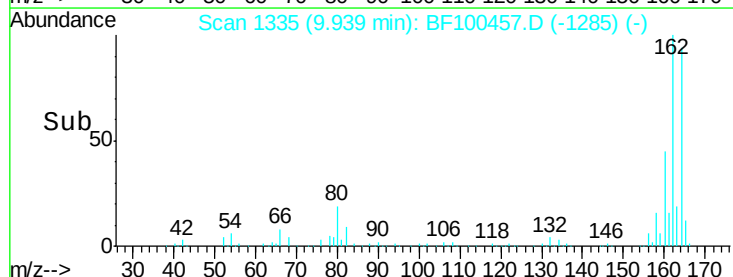
164 100

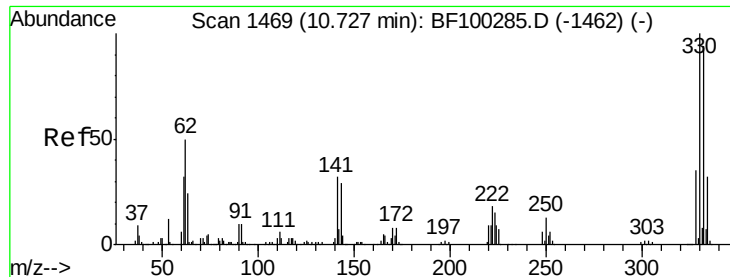
162 105.6 86.1 129.1

160 47.7 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

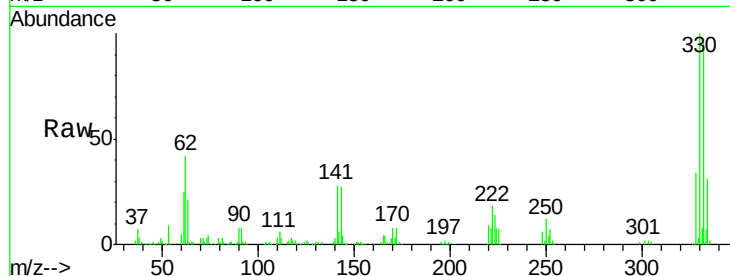




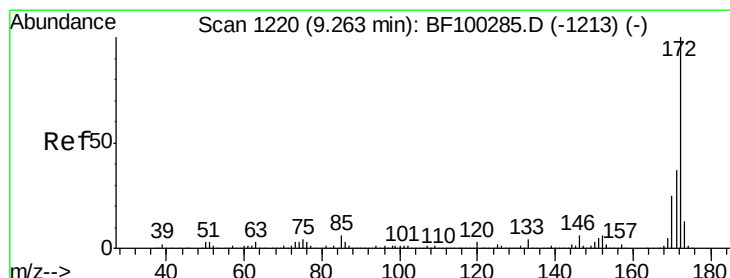
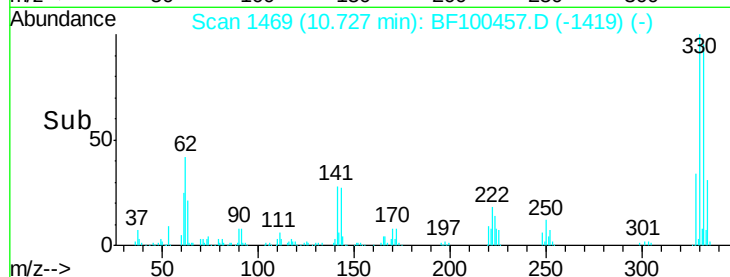
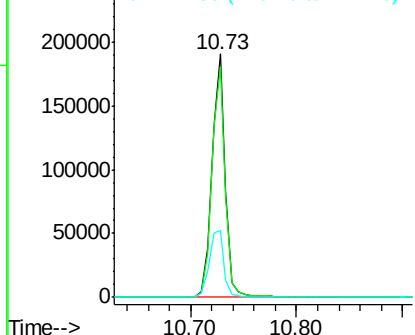
#41
 2,4,6-Tribromophenol
 Concen: 77.74 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

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

Tgt Ion:330 Resp: 168714
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 30.5 29.9 44.9

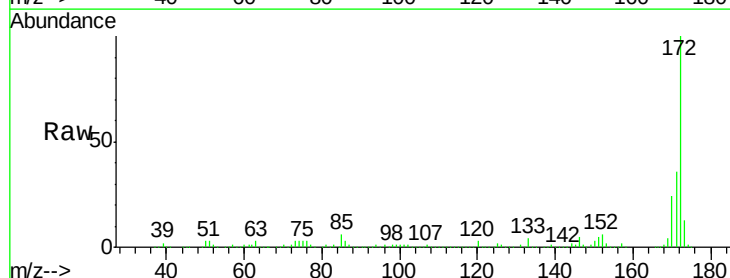


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

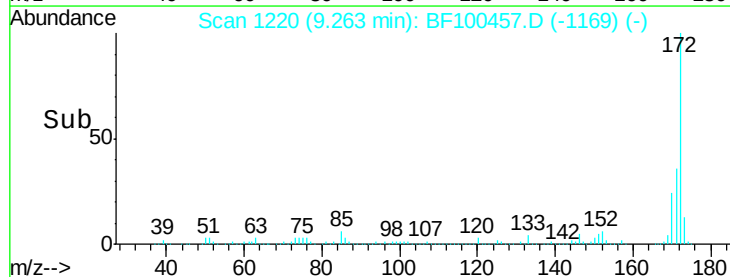
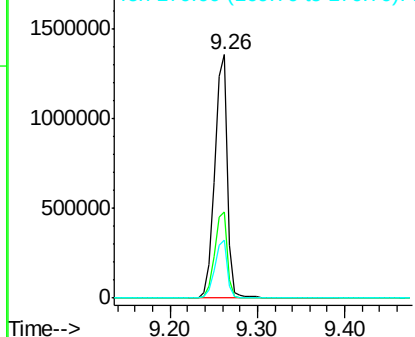


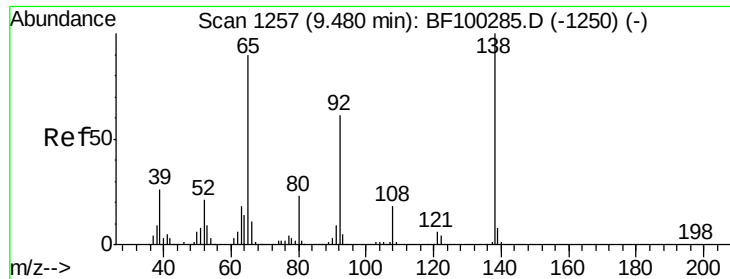
#44
 2-Fluorobiphenyl
 Concen: 97.02 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

Tgt Ion:172 Resp: 1356959
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.9 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: 3.20 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.22 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

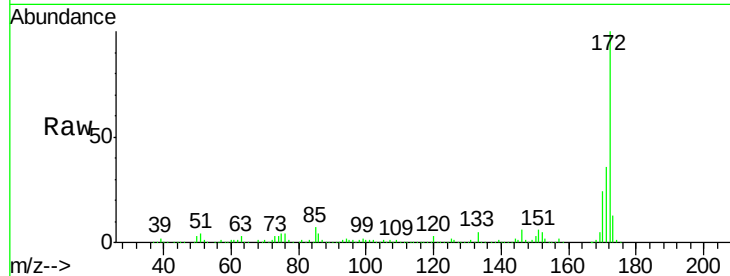
Tgt Ion: 65 Resp: 1762

Ion Ratio Lower Upper

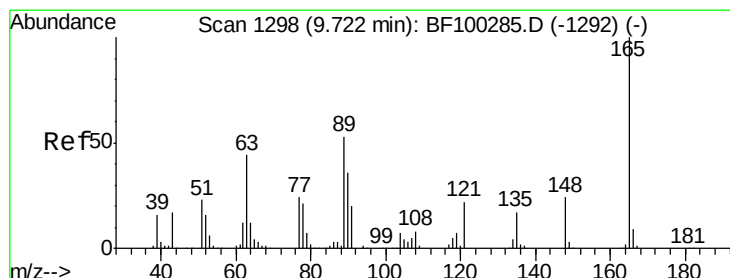
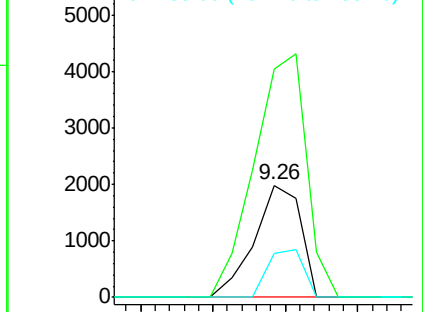
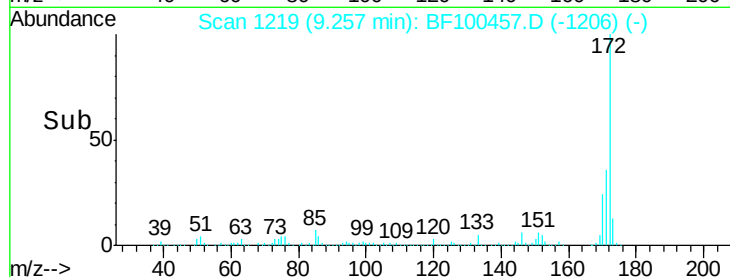
65 100

92 204.4 55.8 83.6#

138 39.2 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: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

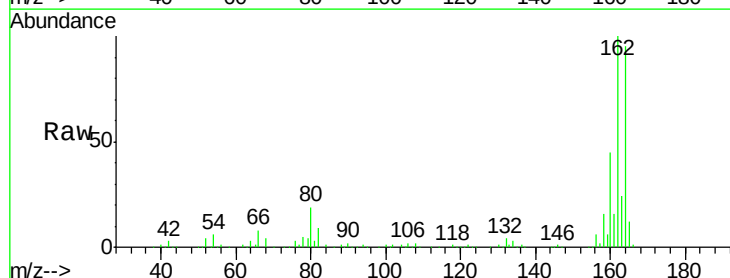
Tgt Ion: 165 Resp: 27141

Ion Ratio Lower Upper

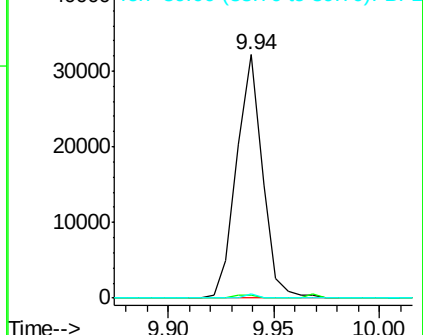
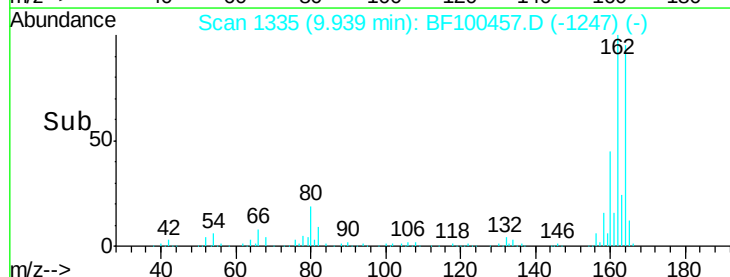
165 100

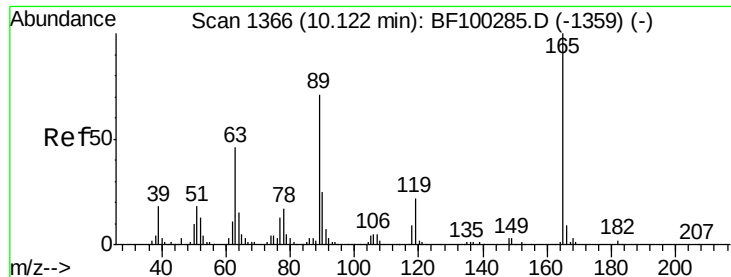
63 1.4 44.7 67.1#

89 1.6 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

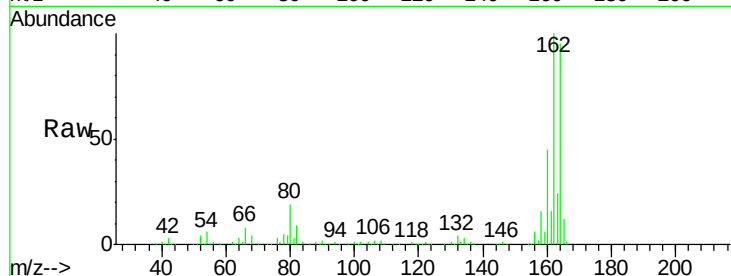




#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

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

Tgt Ion:	165	Resp:	27141
Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

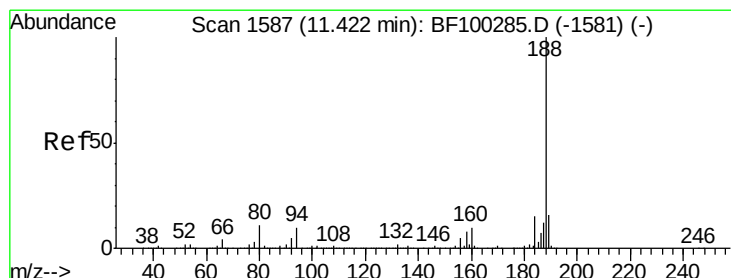
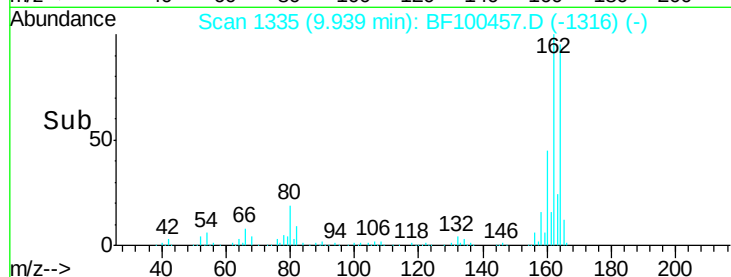
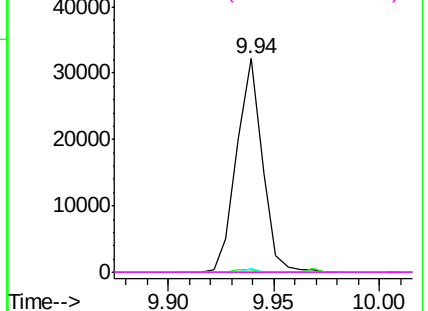


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

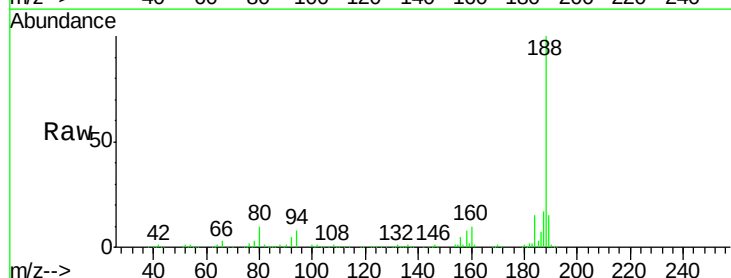
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

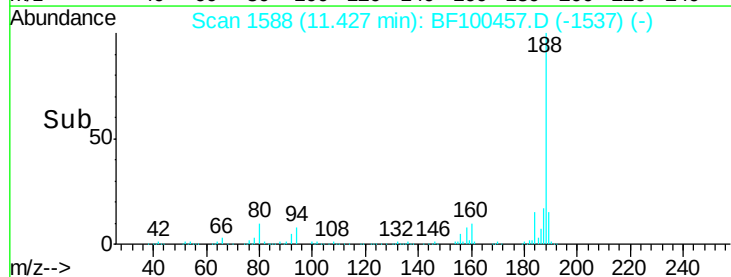
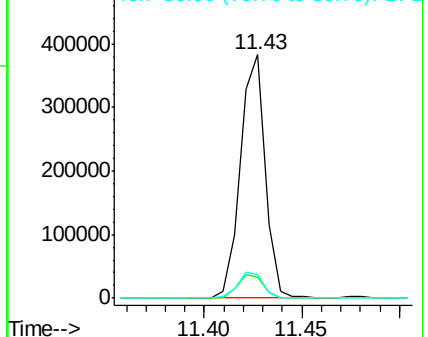
Tgt Ion:	188	Resp:	338152
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.7	9.2	13.8

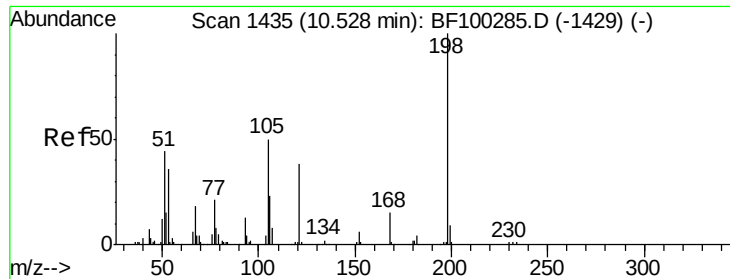


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

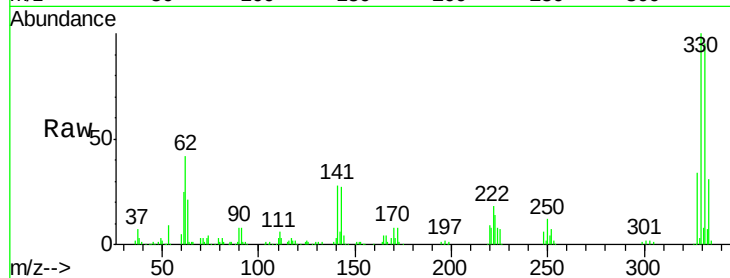




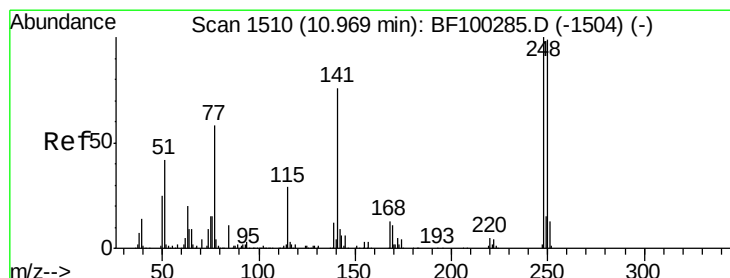
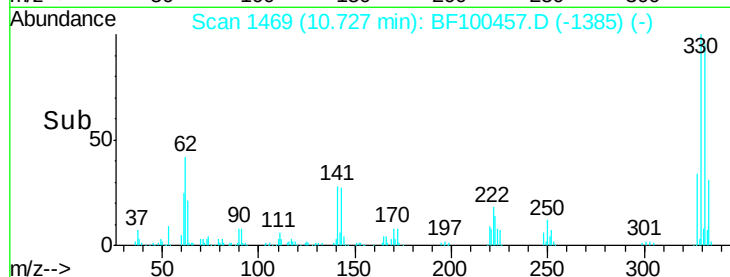
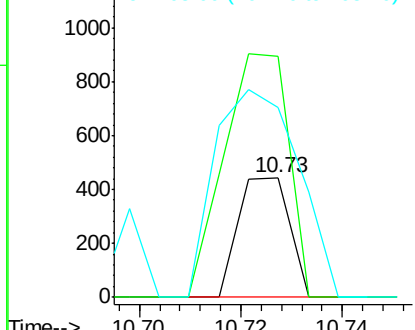
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.72 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

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

Tgt Ion:198 Resp: 310
 Ion Ratio Lower Upper
 198 100
 51 201.4 37.7 77.7#
 105 159.4 36.3 76.3#

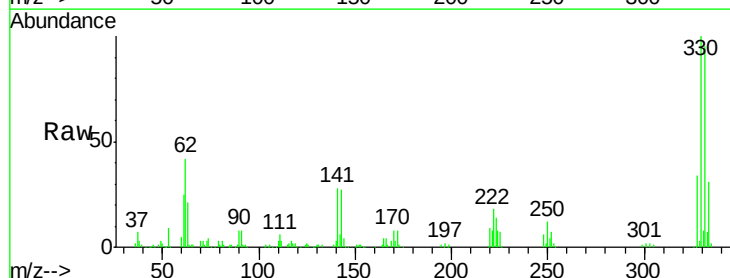


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

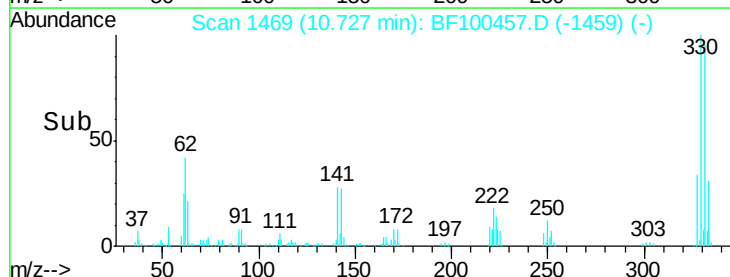
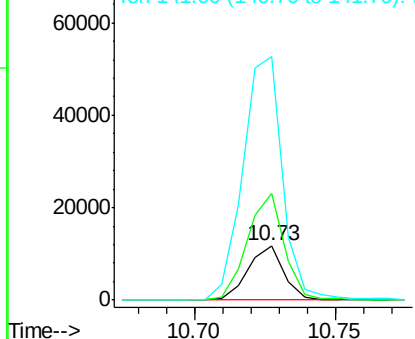


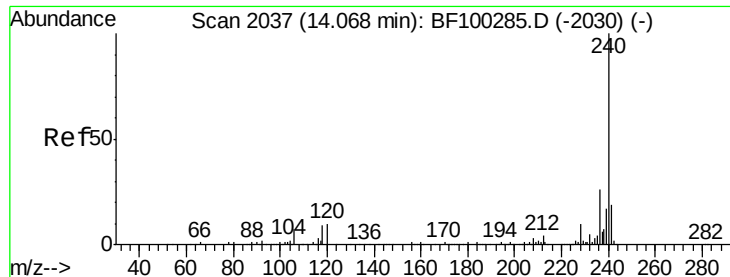
#66
 4-Bromophenyl-phenylether
 Concen: 2.84 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100457.D
 Acq: 11 Nov 2017 23:58

Tgt Ion:248 Resp: 10299
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.9 115.3#
 141 446.9 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: BF100457.D

Acq: 11 Nov 2017 23:58

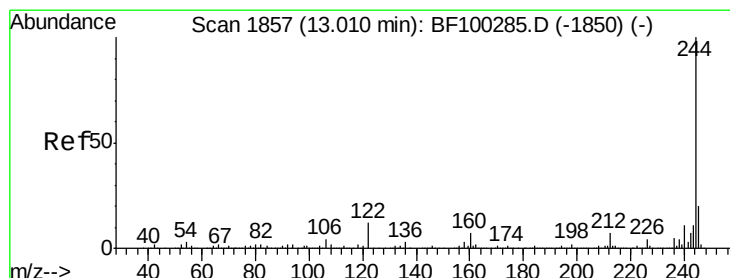
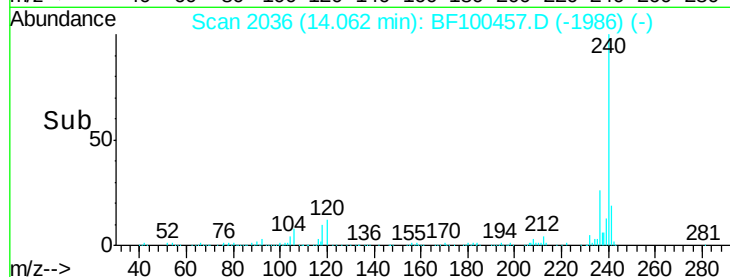
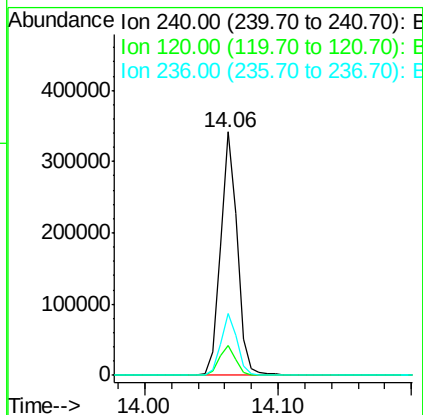
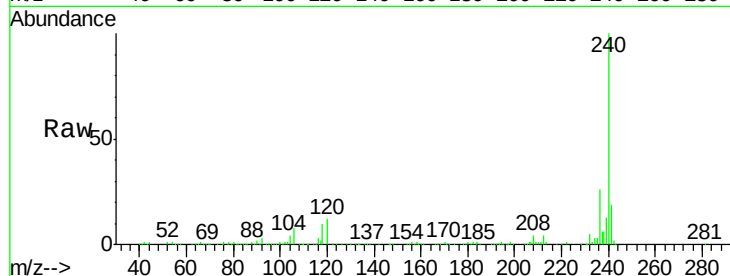
Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-D-S

Tgt Ion:	240	Resp:	302929
Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.7	20.7	31.1



#78

Terphenyl-d14

Concen: 74.66 ng

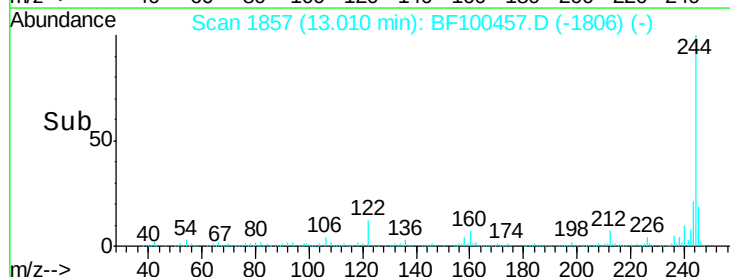
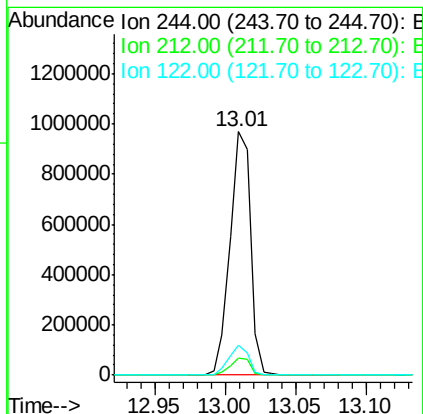
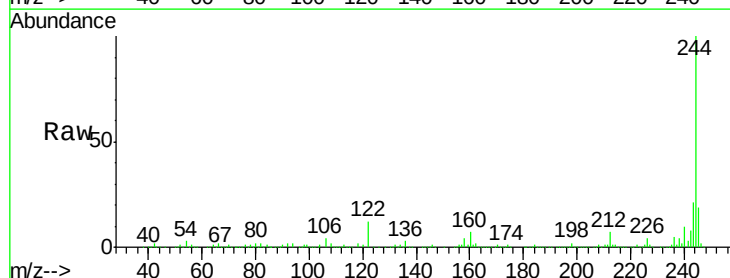
RT: 13.01 min Scan# 1857

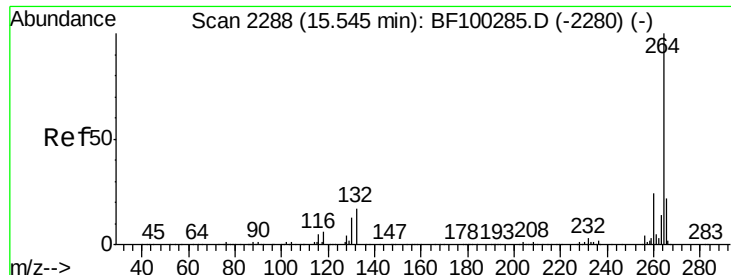
Delta R.T. -0.00 min

Lab File: BF100457.D

Acq: 11 Nov 2017 23:58

Tgt Ion:	244	Resp:	984303
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.1	11.0	16.4

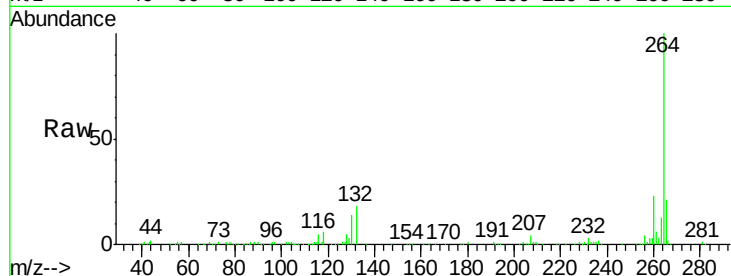




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100457.D
Acq: 11 Nov 2017 23:58

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

Tgt Ion:	264	Resp:	217126
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	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

