

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101592.D
 Acq On : 21 Dec 2017 6:32
 Operator : SJ/JU
 Sample : I6971-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-B

Quant Time: Dec 21 08:01:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

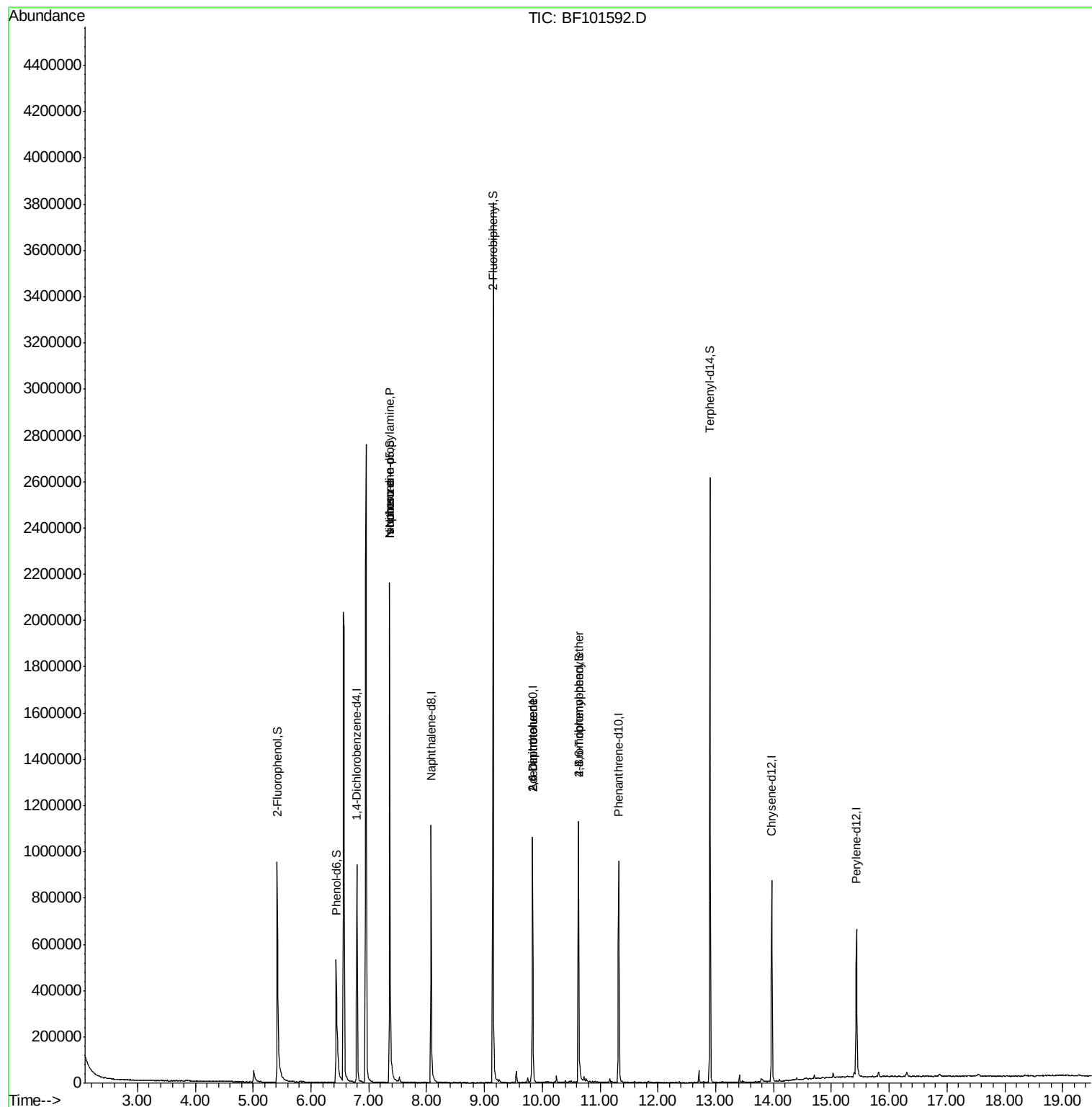
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145486	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	563096	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	222828	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352481	20.00	ng	0.00
75) Chrysene-d12	13.97	240	295294	20.00	ng	0.00
86) Perylene-d12	15.43	264	320930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	390790	40.01	ng	0.00
7) Phenol-d6	6.44	99	291909	24.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	804392	79.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	151089	70.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1234568	85.95	ng	0.00
78) Terphenyl-d14	12.90	244	864958	70.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	108279	13.564	ng	# 84
25) Isophorone	7.36	82	804392	39.640	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	28600	7.851	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	28600	6.968	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	9518	2.403	ng	# 1

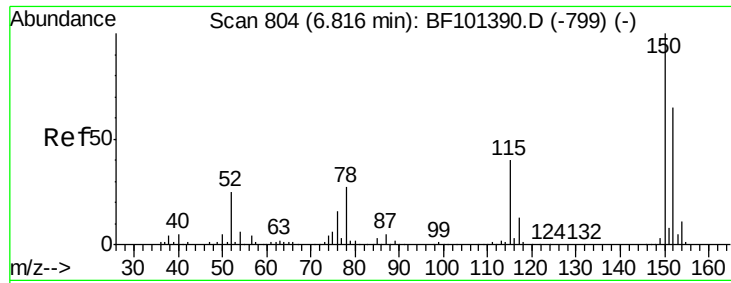
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration



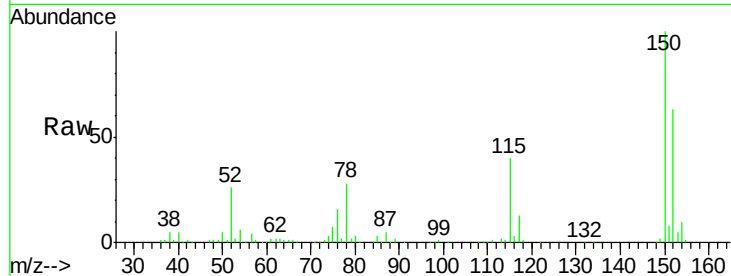


#1

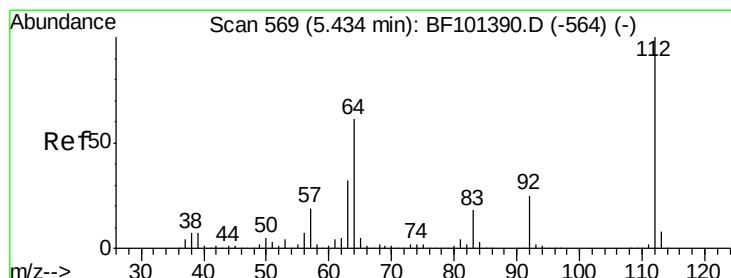
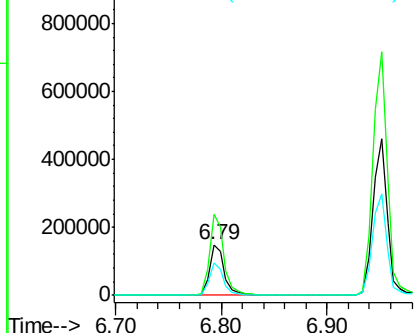
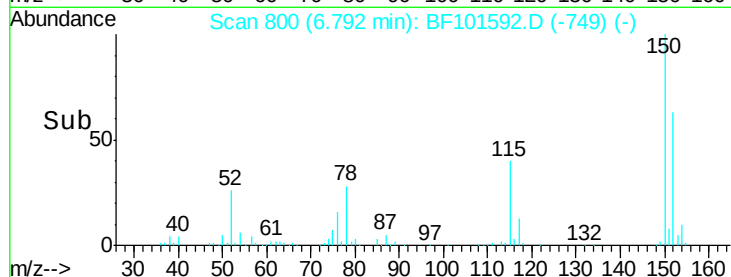
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-U-B

Tot Ion:152 Resp: 145486
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 64.4 50.1 75.1



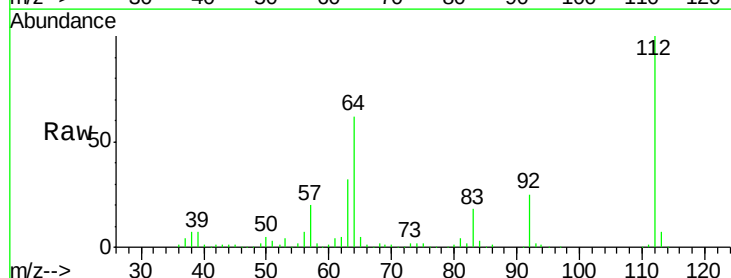
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



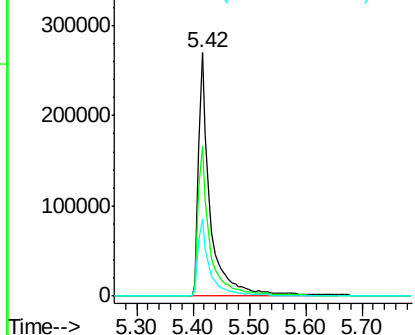
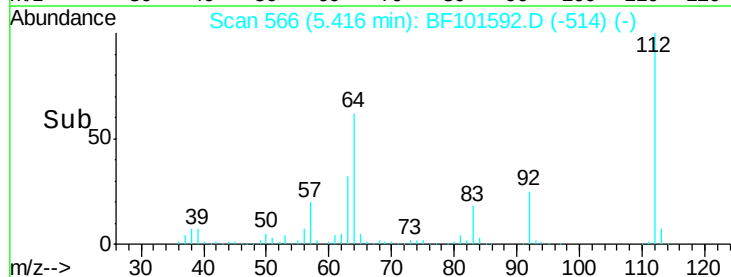
#5

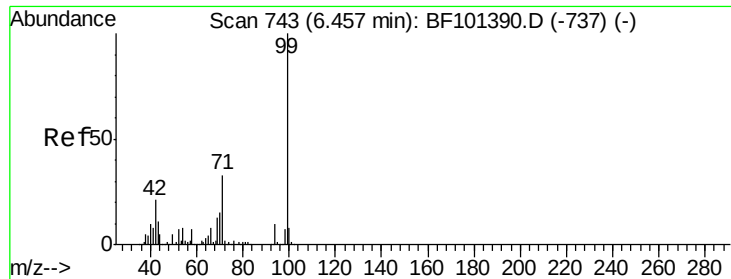
2-Fluorophenol
Concen: 40.012 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Tgt Ion:112 Resp: 390790
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.6 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: 24.015 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-B

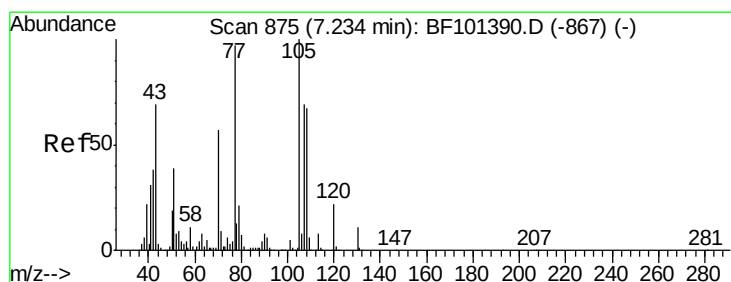
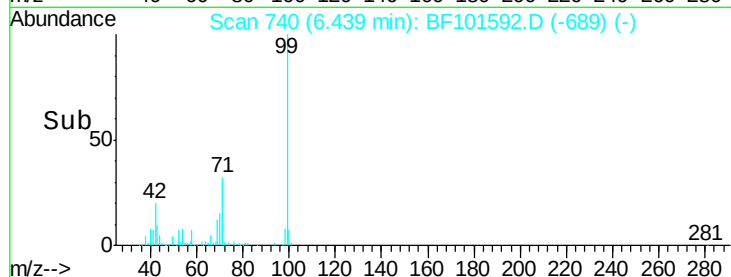
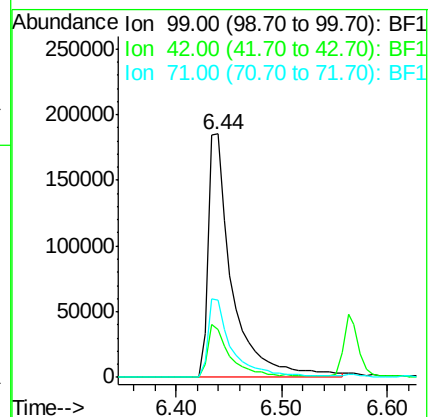
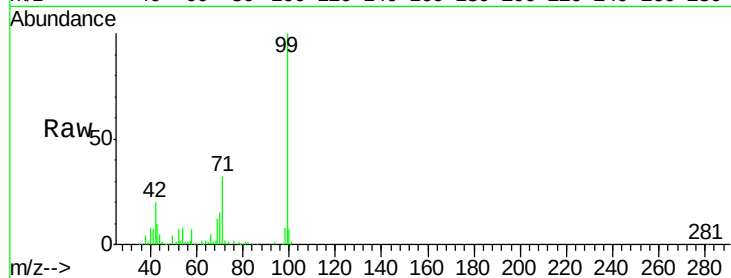
Tot Ion: 99 Resp: 291909

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.564 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Tgt Ion: 70 Resp: 108279

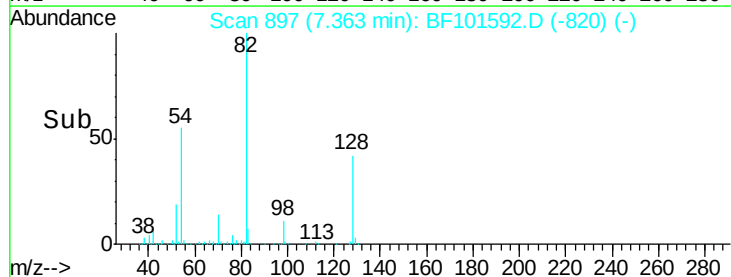
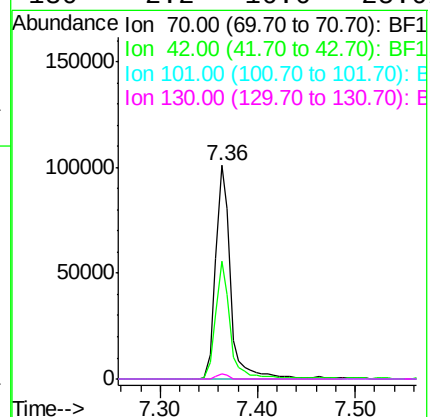
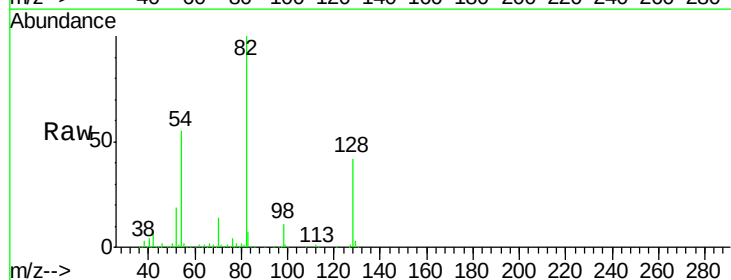
Ion Ratio Lower Upper

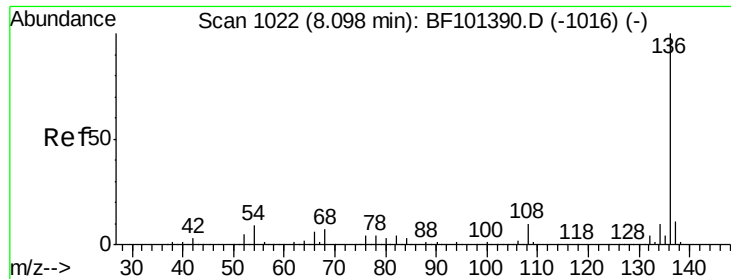
70 100

42 55.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

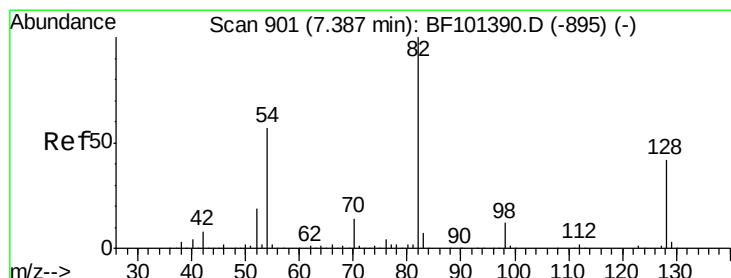
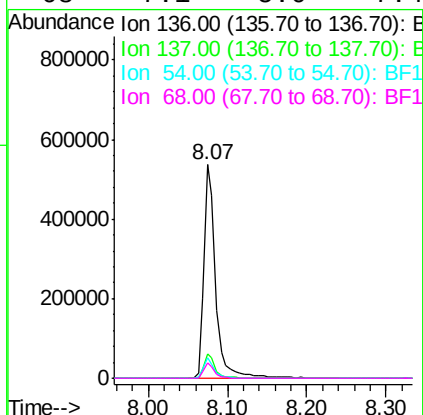
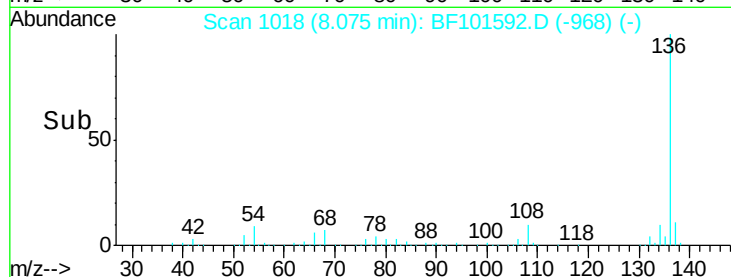
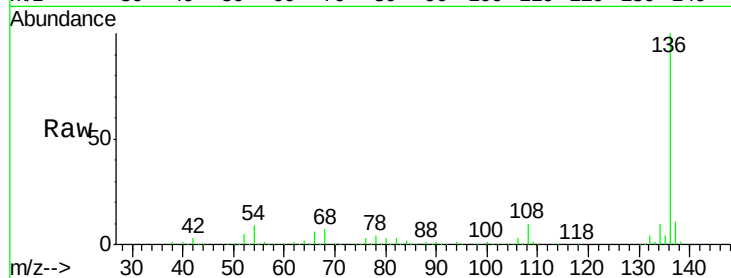




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

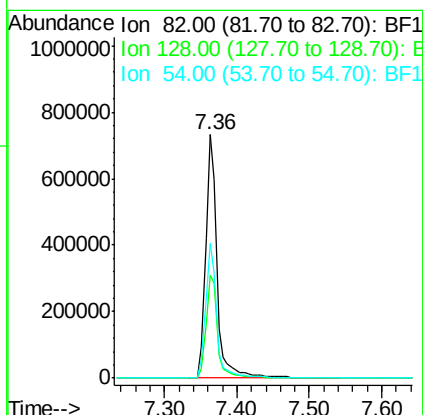
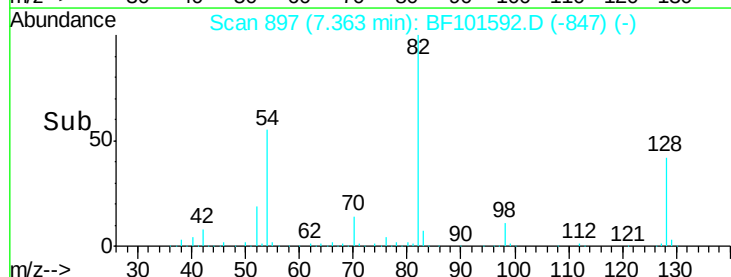
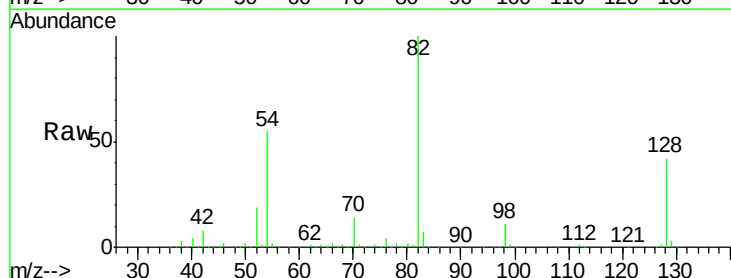
Instrument :
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121517-TIDO-F-U-B

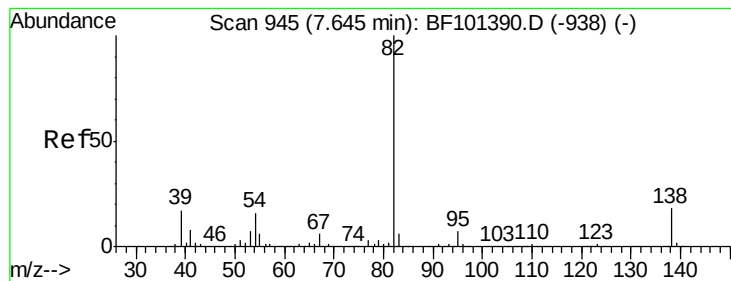
Tot Ion:136	Resp:	563096
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.3	6.6 9.8
68	7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 79.520 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Tgt Ion: 82	Resp:	804392
Ion Ratio	Lower	Upper
82	100	
128	42.4	36.1 54.1
54	55.2	41.4 62.2





#25

Isophorone

Concen: 39.640 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-B

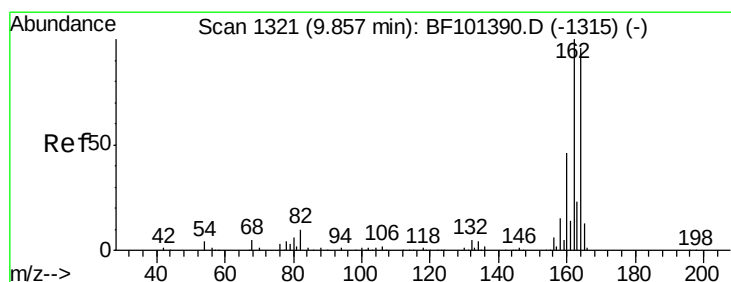
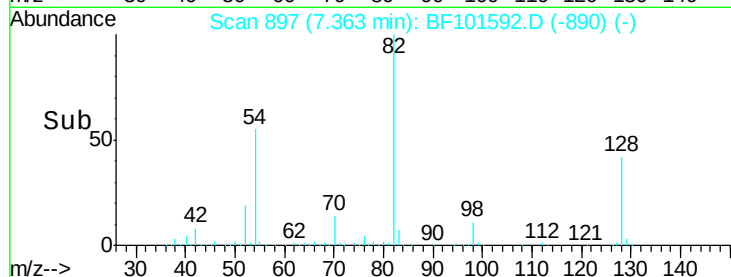
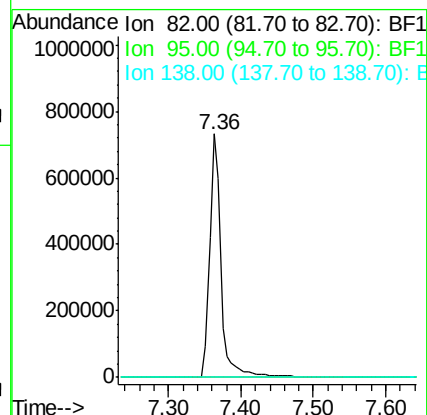
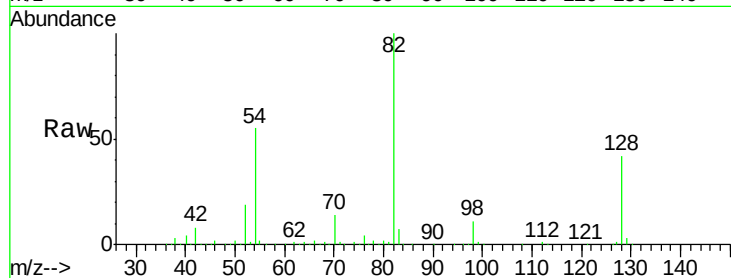
Tot Ion: 82 Resp: 804392

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

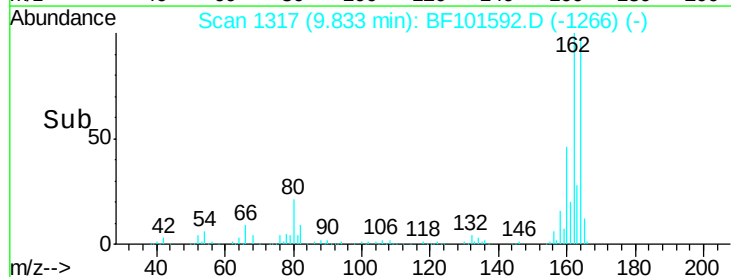
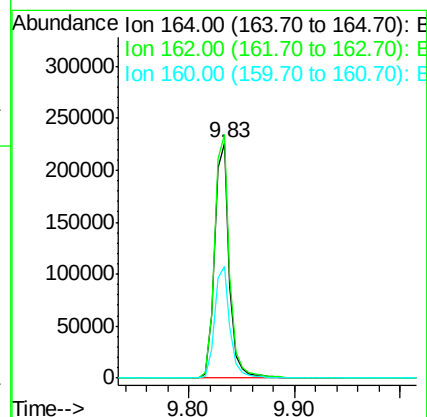
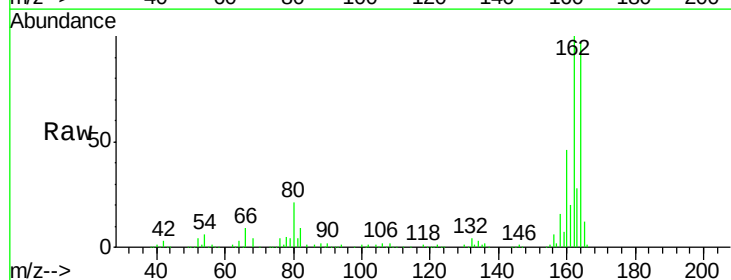
Tgt Ion: 164 Resp: 222828

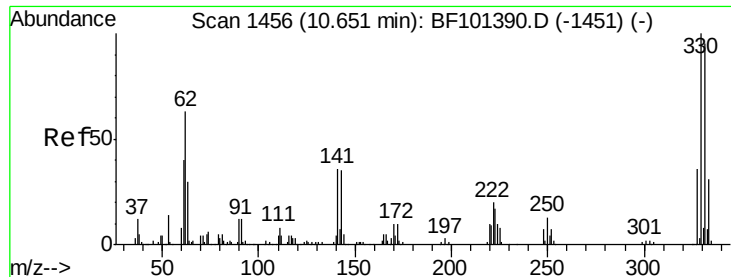
Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

160 47.5 38.3 57.5

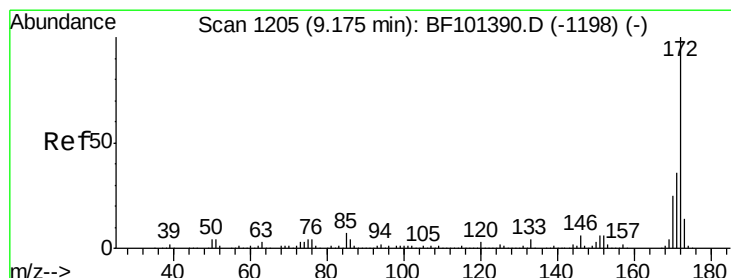
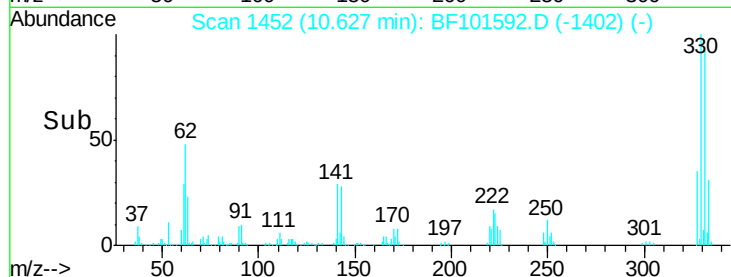
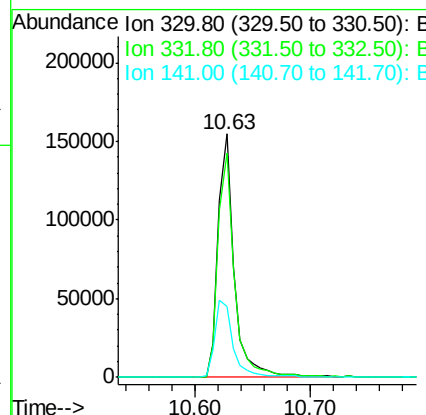
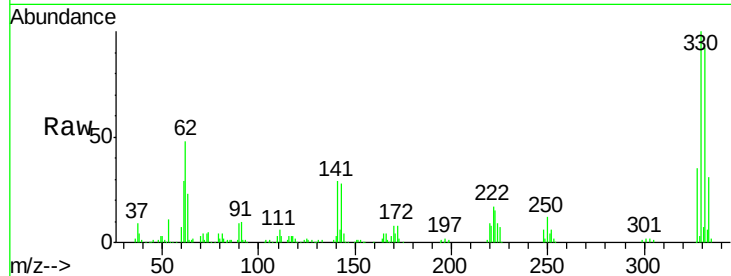




#41
 2,4,6-Tribromophenol
 Concen: 70.368 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

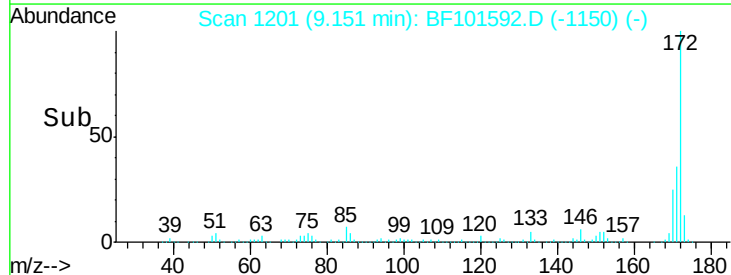
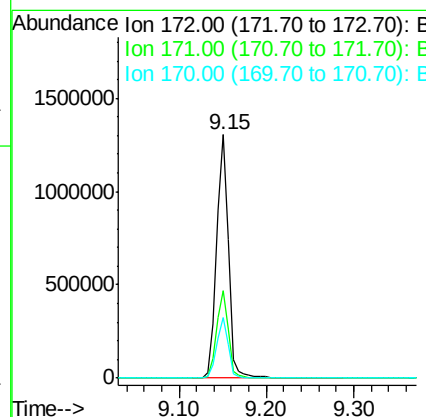
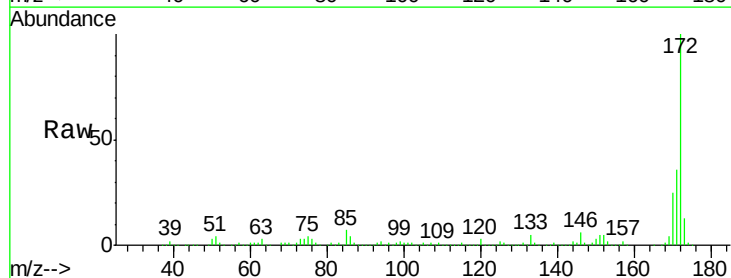
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 121517-TIDO-F-U-B

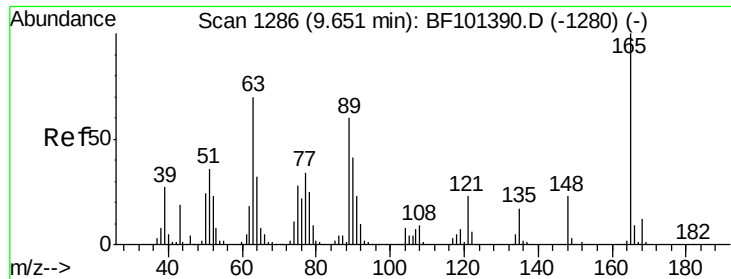
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	35.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.946 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.7	19.6	29.4

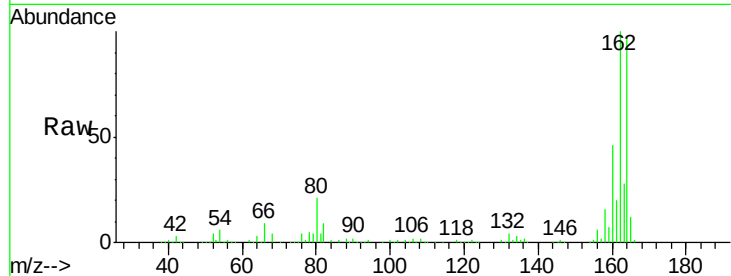




#50
2,6-Dinitrotoluene
Concen: 7.851 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.20 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-U-B

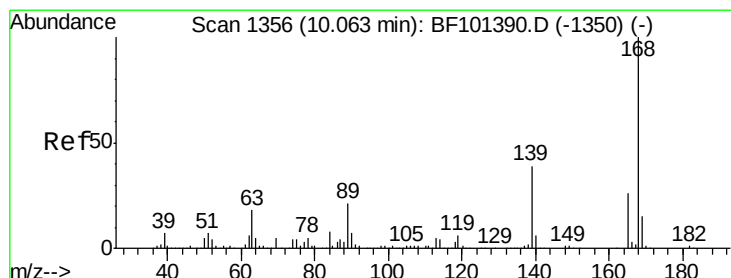
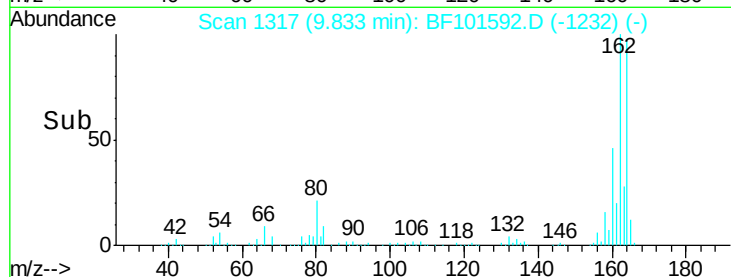
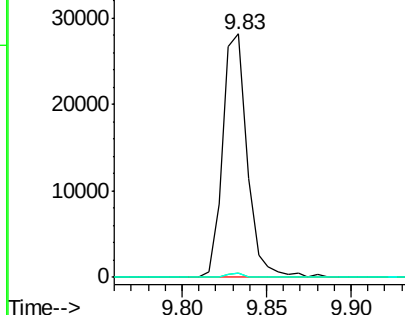
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.0	44.0	66.0#



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: 6.968 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.21 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

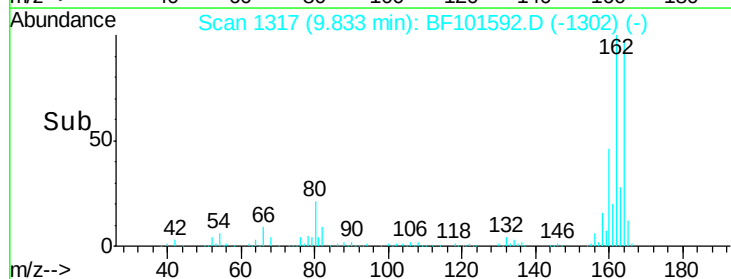
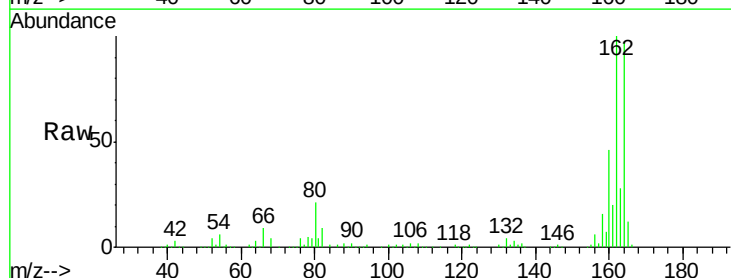
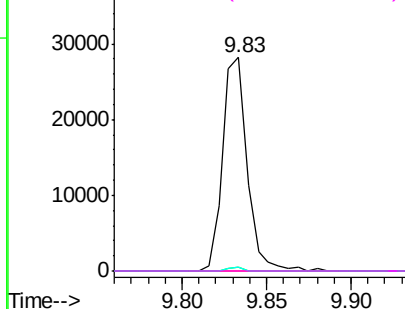
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

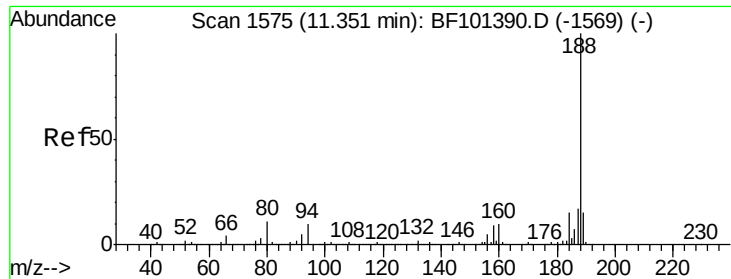
Abundance Ion 165.00 (164.70 to 165.70): E

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

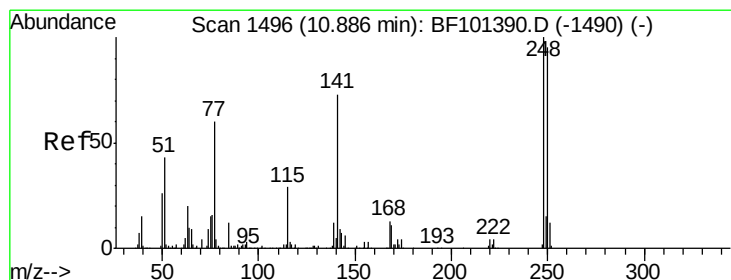
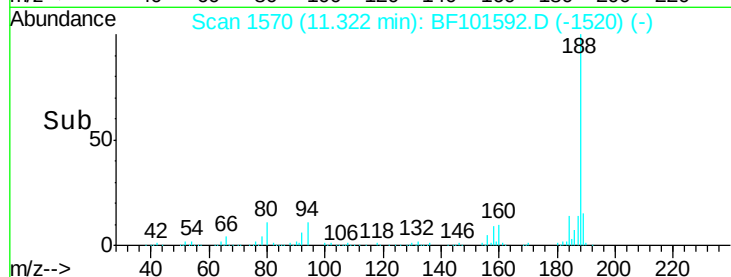
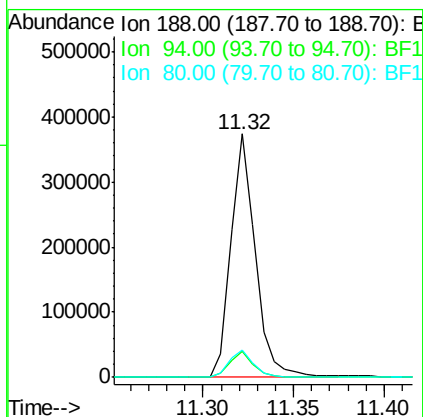
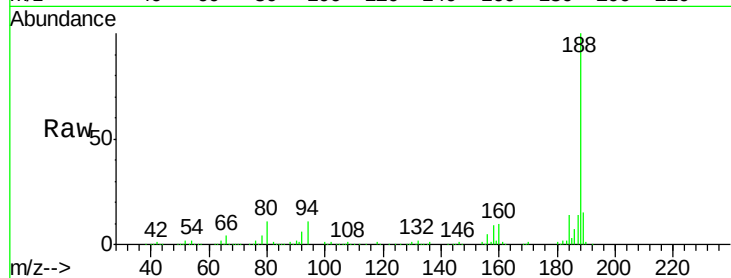




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

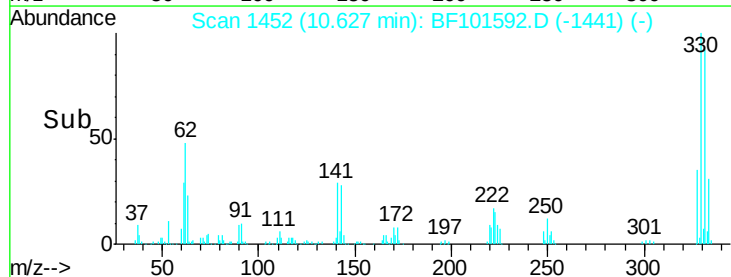
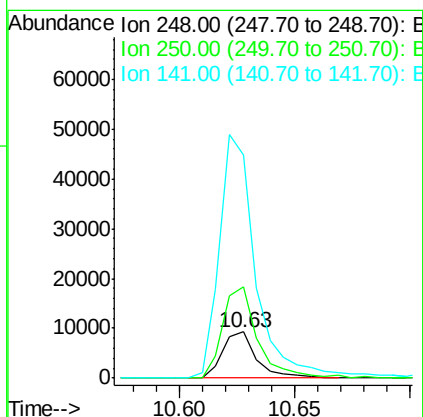
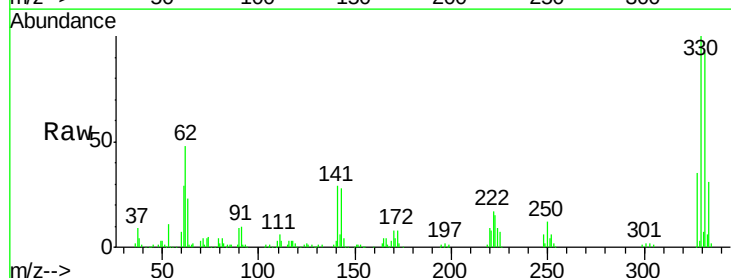
Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-U-B

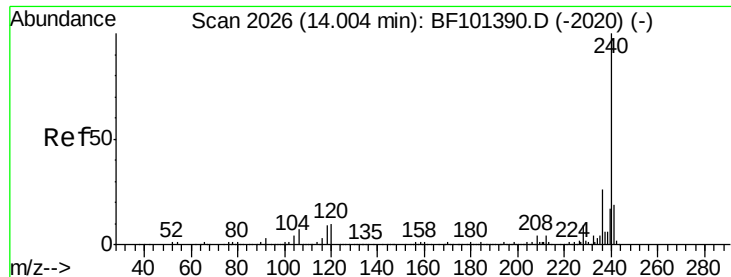
Tot Ion:188 Resp: 352481
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.403 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101592.D
Acq: 21 Dec 2017 6:32

Tgt Ion:248 Resp: 9518
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 484.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-B

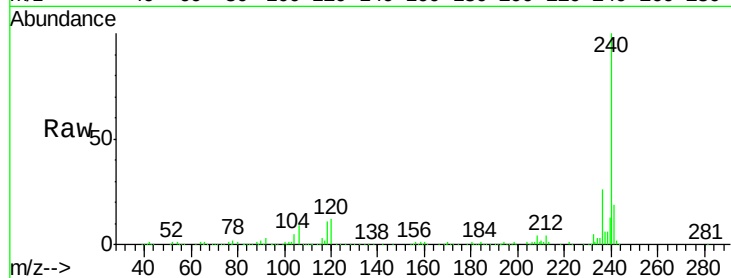
Tot Ion:240 Resp: 295294

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

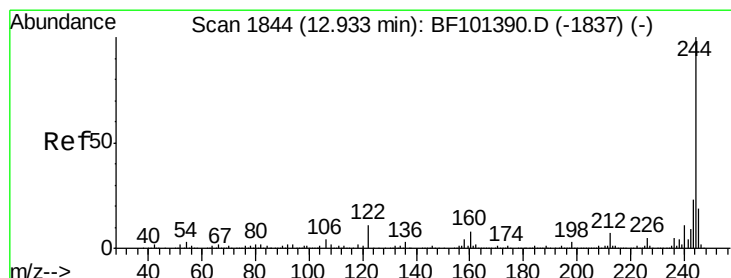
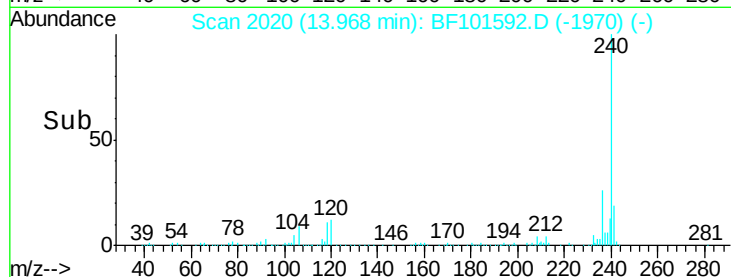
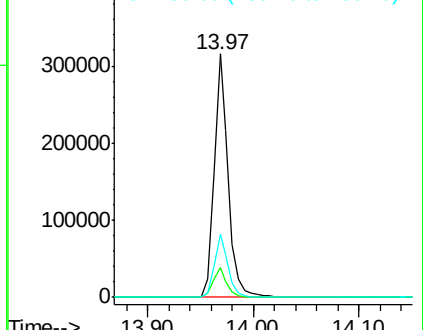
236 25.7 20.7 31.1



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: 70.615 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101592.D

Acq: 21 Dec 2017 6:32

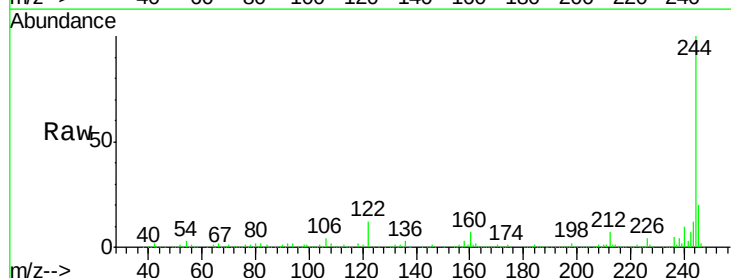
Tgt Ion:244 Resp: 864958

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

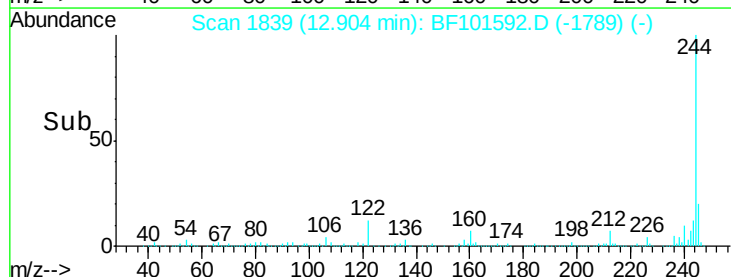
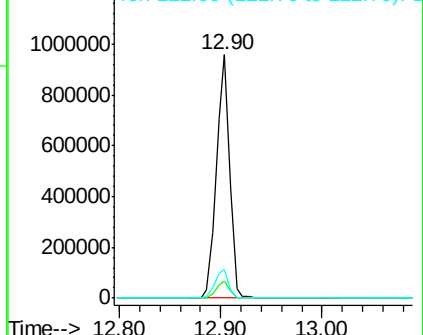
122 11.6 11.0 16.4

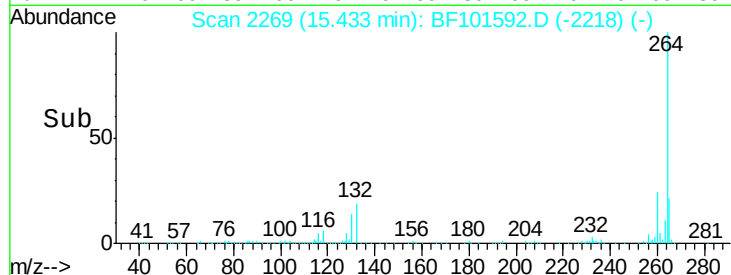
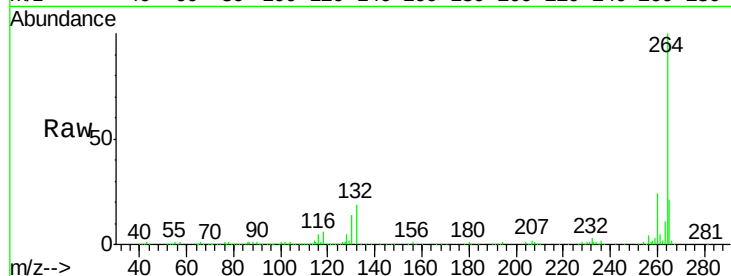
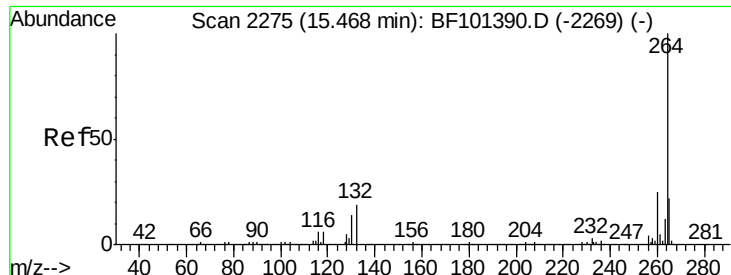


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101592.D
 Acq: 21 Dec 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-B

Tot Ion:	264	Resp:	320930
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3

