

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101553.D
 Acq On : 20 Dec 2017 6:18
 Operator : SJ/JU
 Sample : I6956-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121417-TIDO-E-U-B

Quant Time: Dec 20 07:08:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

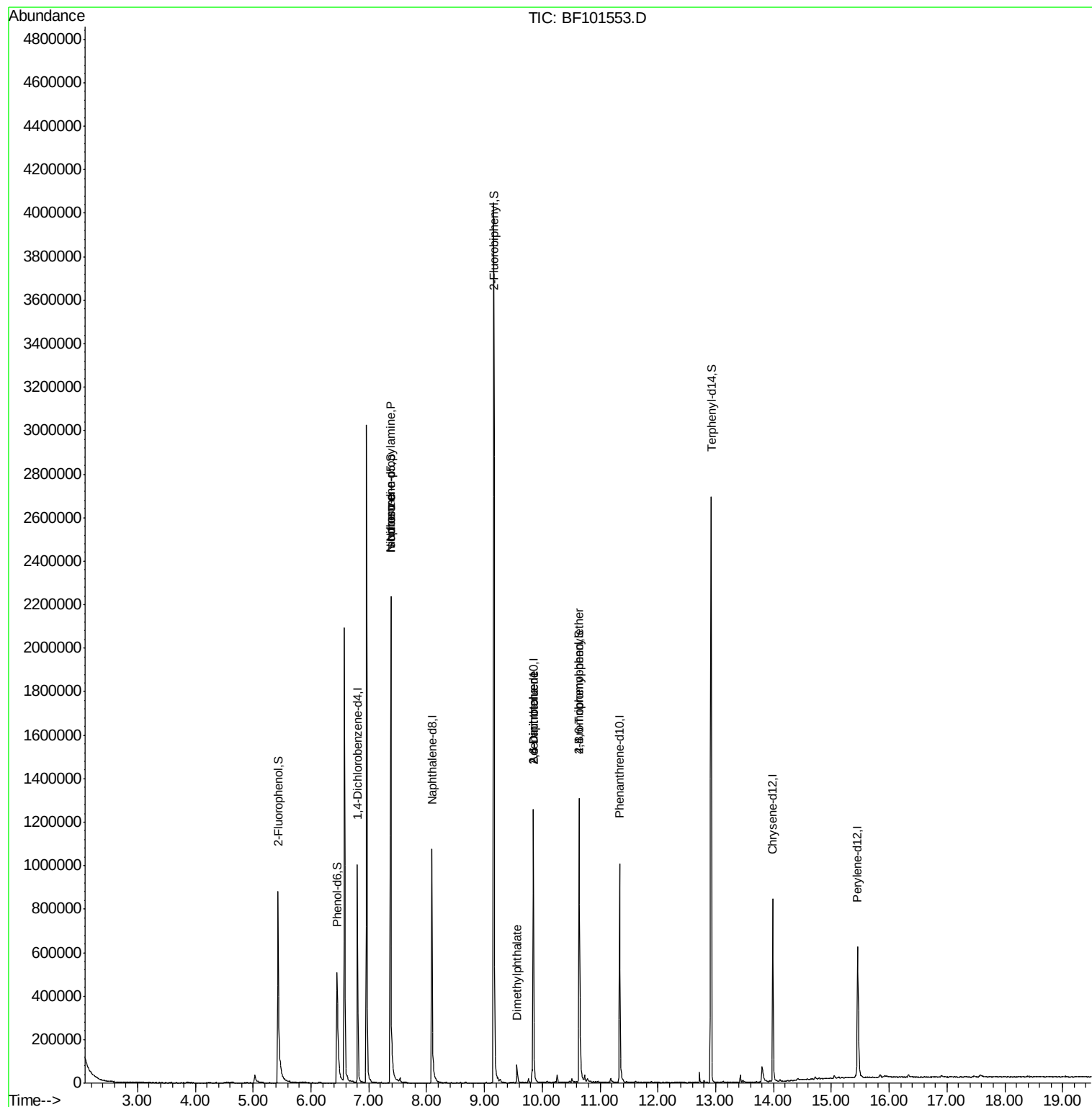
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157312	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	641083	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	270833	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	451558	20.00	ng	0.00
75) Chrysene-d12	13.99	240	315870	20.00	ng	0.00
86) Perylene-d12	15.46	264	338285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	378600	35.85	ng	0.00
7) Phenol-d6	6.45	99	280835	21.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	911582	79.15	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	186228	71.36	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1419711	81.32	ng	0.00
78) Terphenyl-d14	12.92	244	1007576	76.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	120997	14.018	ng	# 79
25) Isophorone	7.38	82	912661	39.504	ng	# 64
49) Dimethylphthalate	9.56	163	45244	2.077	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	33420	7.548	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	33420	6.699	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	12347	2.433	ng	# 1

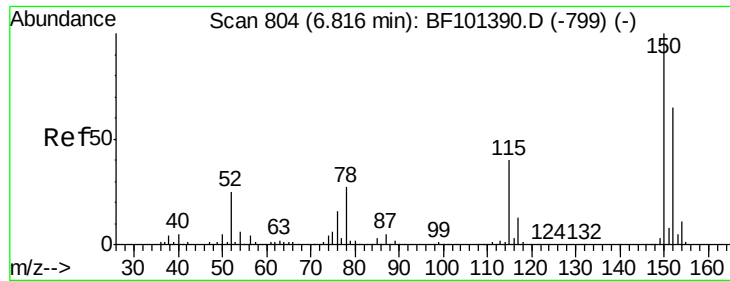
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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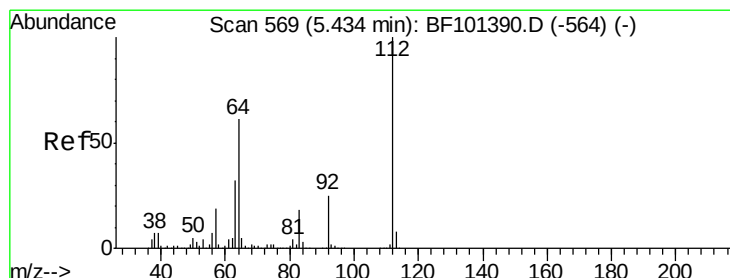
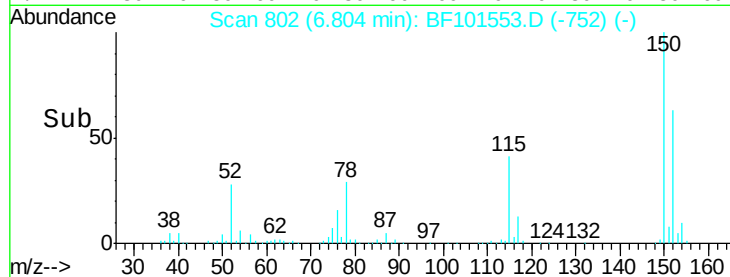
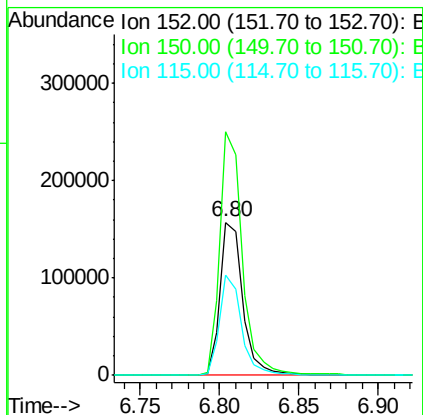
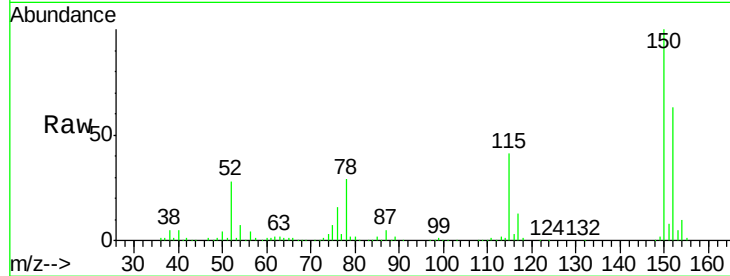


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-U-B

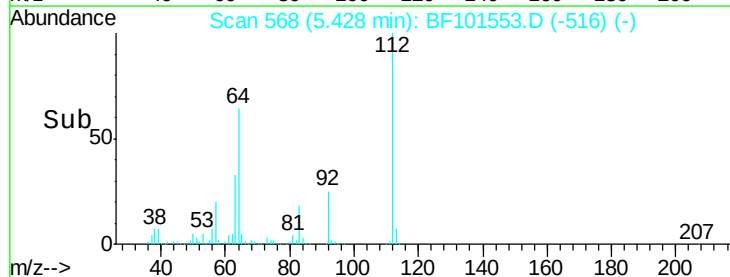
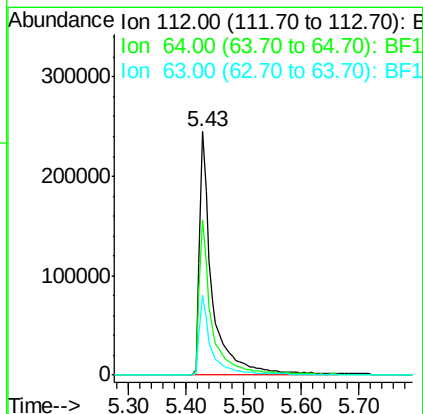
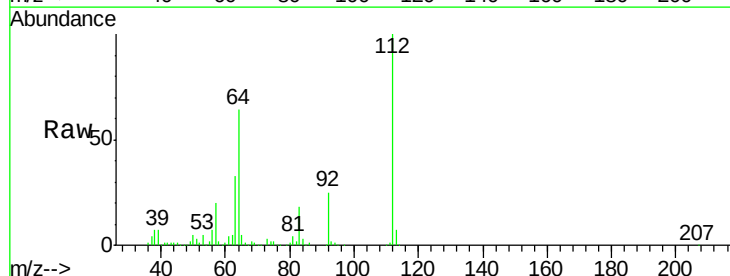
Tot Ion:152 Resp: 157312
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 65.3 50.1 75.1

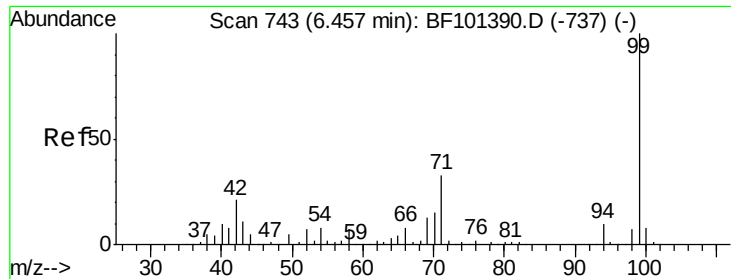


#5

2-Fluorophenol
Concen: 35.849 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Tgt Ion:112 Resp: 378600
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 32.5 23.7 35.5





#7

Phenol-d6

Concen: 21.367 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101553.D

Acq: 20 Dec 2017 6:18

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-B

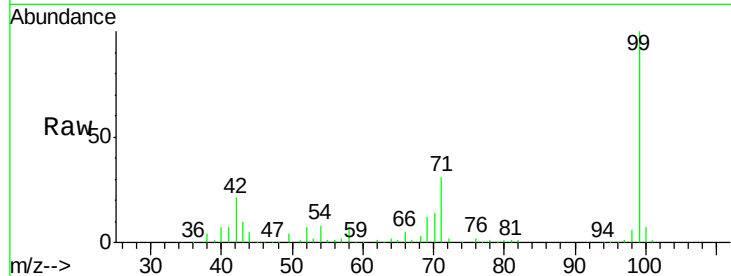
Tot Ion: 99 Resp: 280835

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

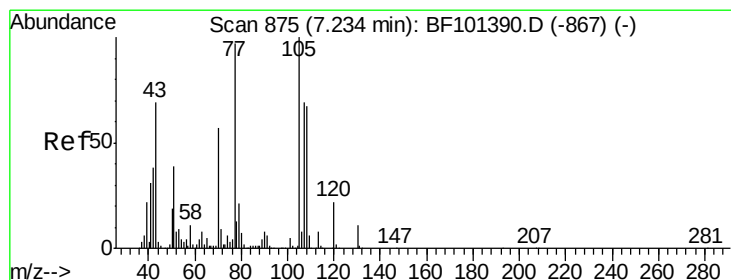
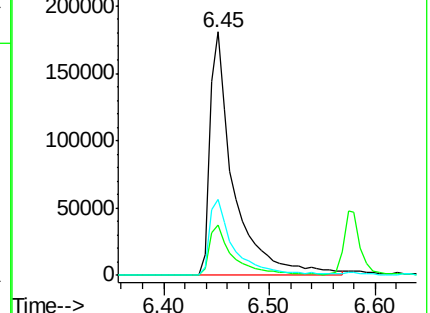
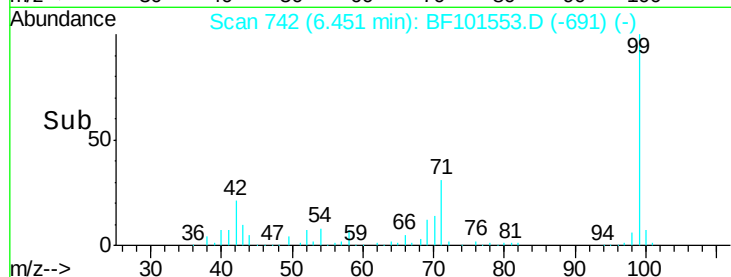
71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.018 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101553.D

Acq: 20 Dec 2017 6:18

Tgt Ion: 70 Resp: 120997

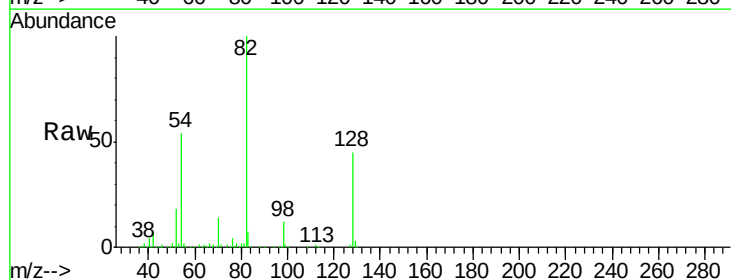
Ion Ratio Lower Upper

70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

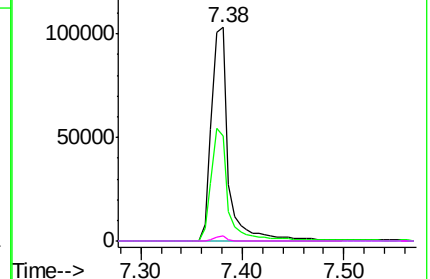
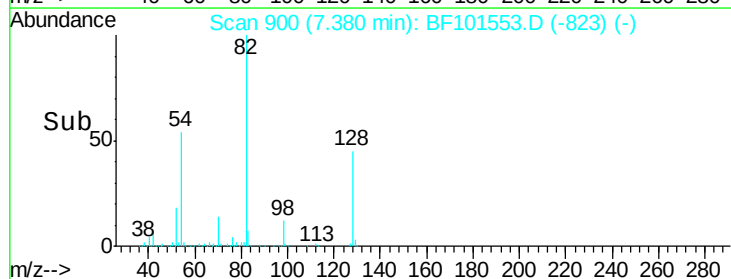


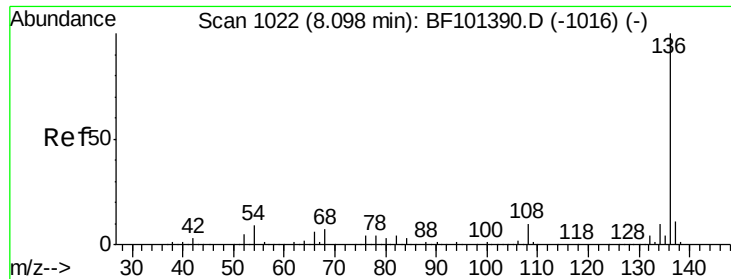
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

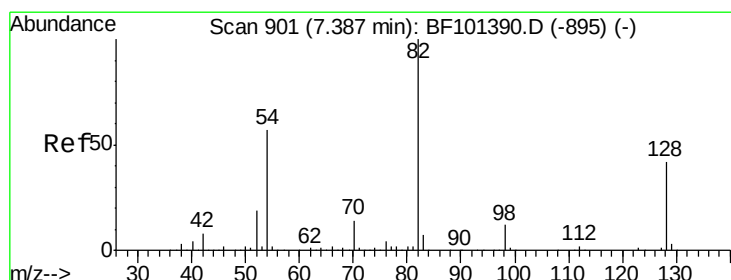
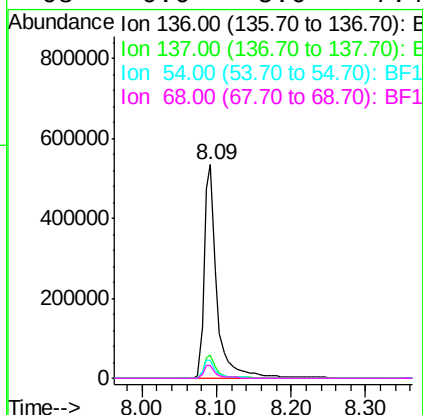
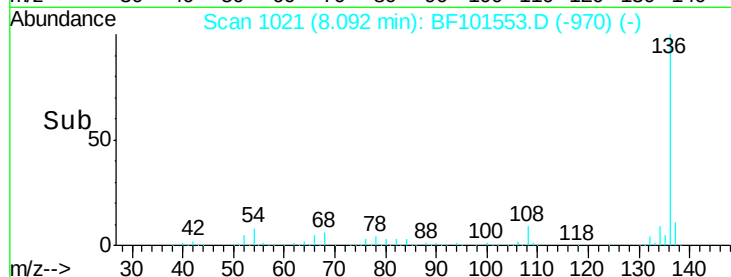
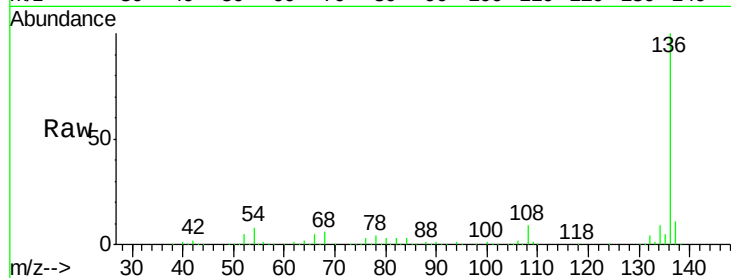




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

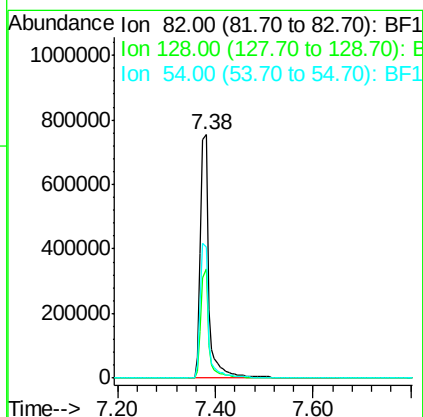
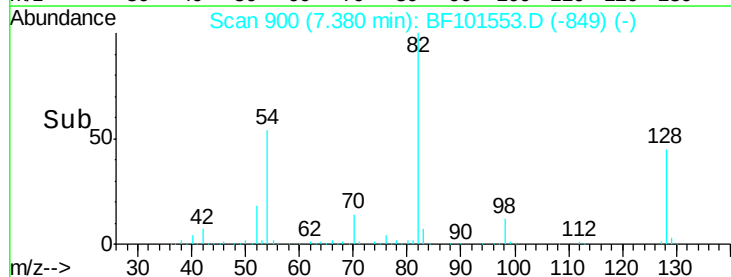
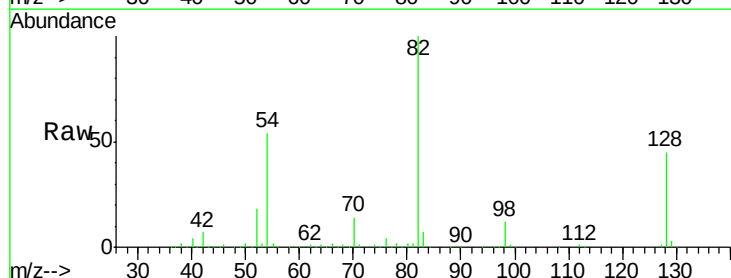
Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-U-B

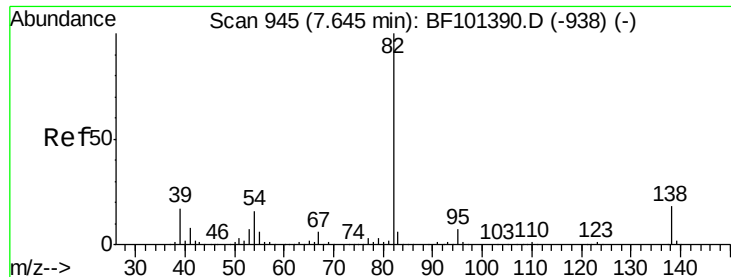
Tot Ion:136	Resp:	641083
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.2	6.6 9.8
68	6.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 79.153 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Tgt Ion: 82	Resp:	911582
Ion Ratio	Lower	Upper
82	100	
128	45.1	36.1 54.1
54	53.6	41.4 62.2





#25

Isophorone

Concen: 39.504 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101553.D

Acq: 20 Dec 2017 6:18

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-B

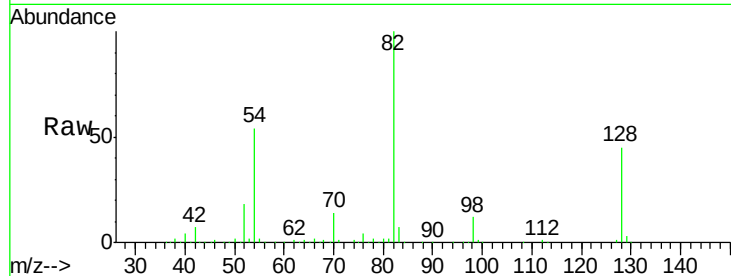
Tot Ion: 82 Resp: 912661

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

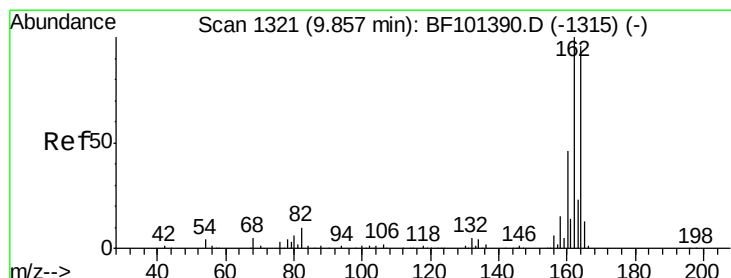
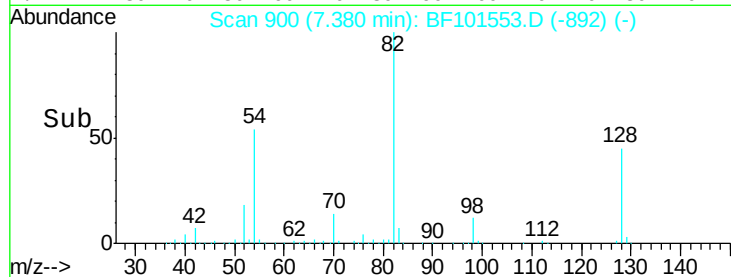
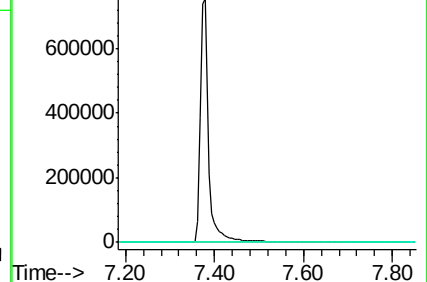
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101553.D

Acq: 20 Dec 2017 6:18

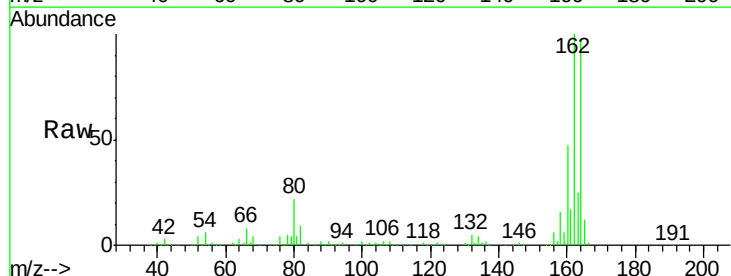
Tgt Ion: 164 Resp: 270833

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

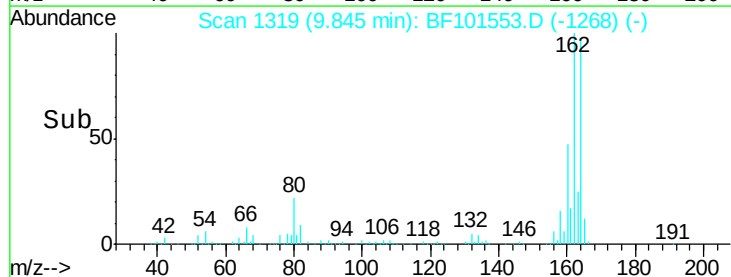
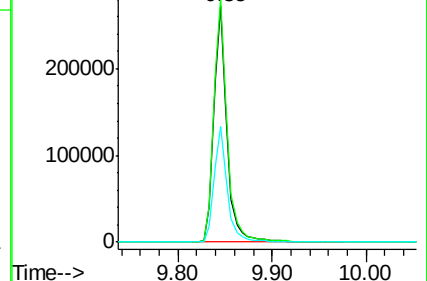
160 48.8 38.3 57.5

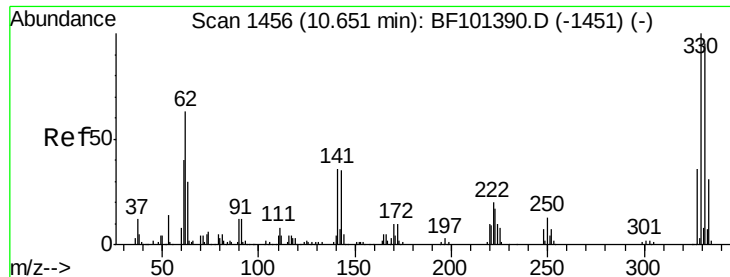


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

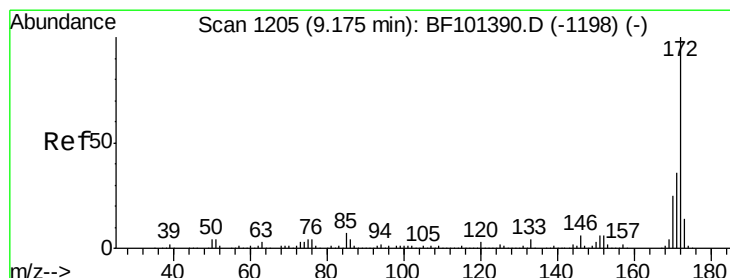
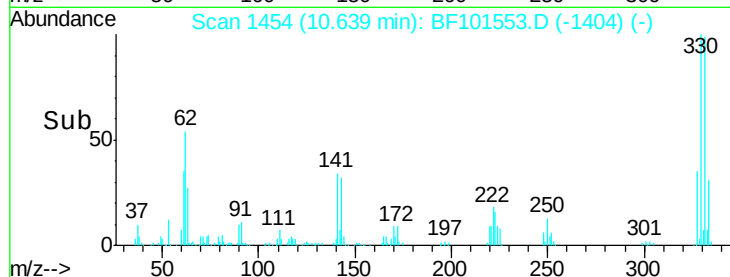
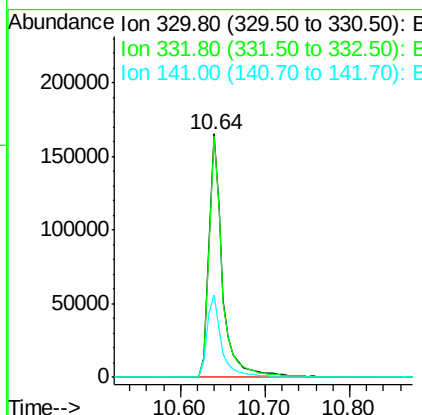
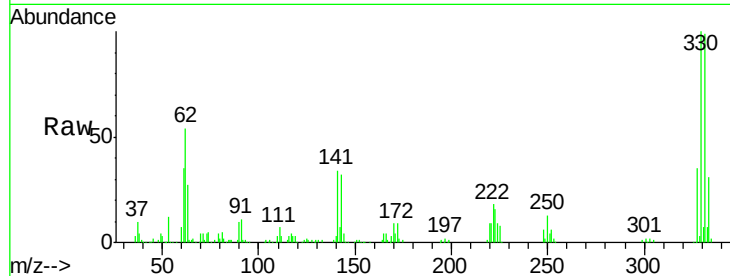




#41
 2,4,6-Tribromophenol
 Concen: 71.360 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101553.D
 Acq: 20 Dec 2017 6:18

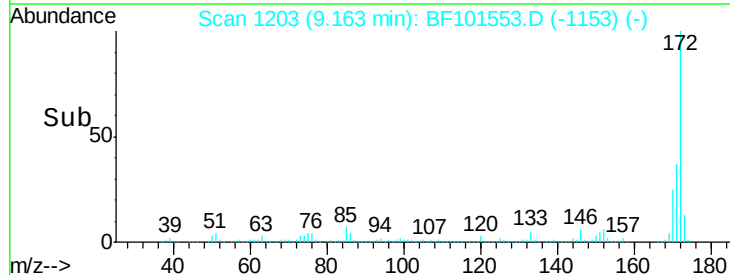
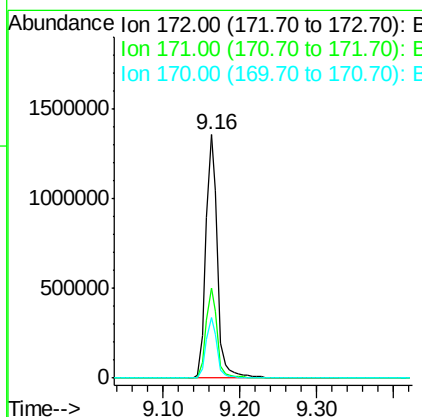
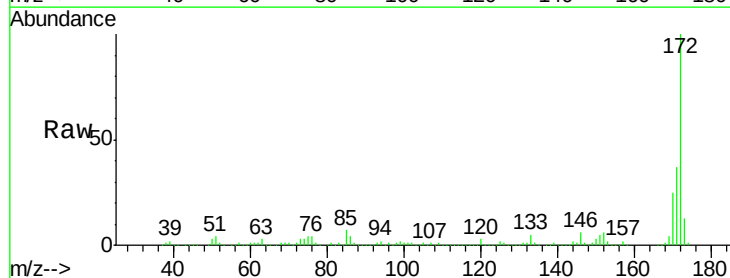
Instrument :
 BNA_F
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 121417-TIDO-E-U-B

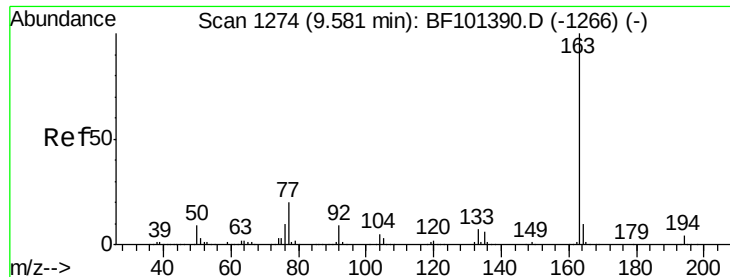
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	36.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 81.316 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101553.D
 Acq: 20 Dec 2017 6:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4

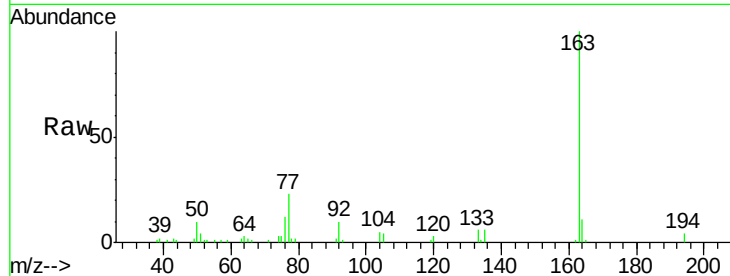




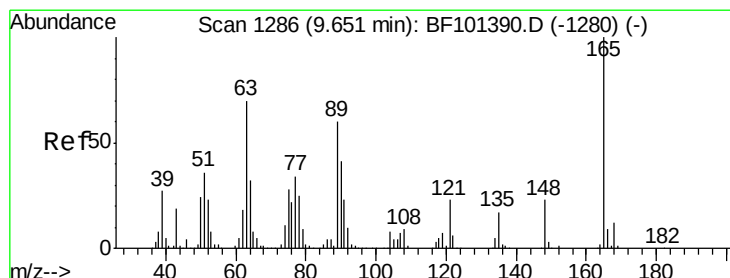
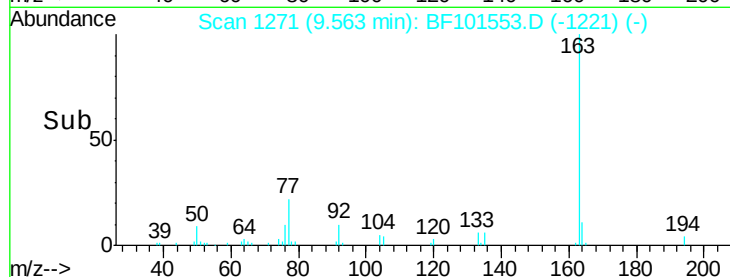
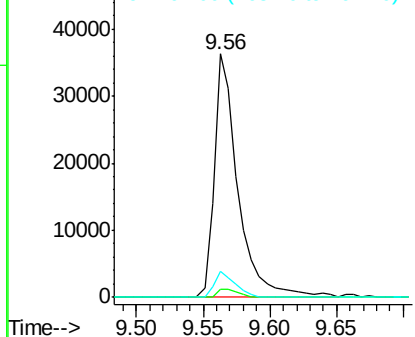
#49
Dimethylphthalate
Concen: 2.077 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-U-B

Tot Ion:163 Resp: 45244
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.7 8.2 12.2

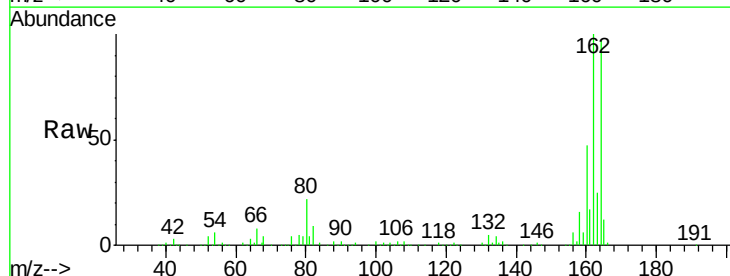


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

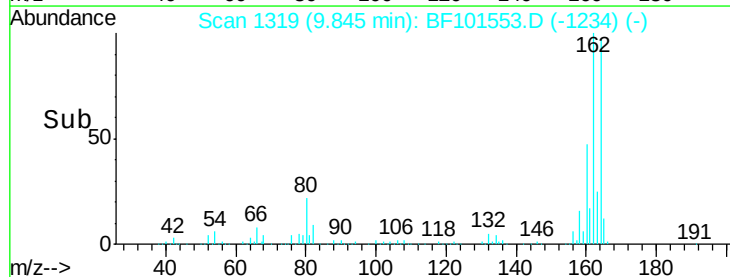
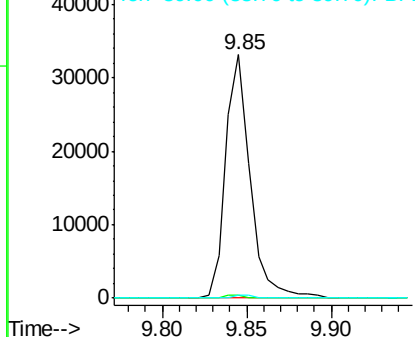


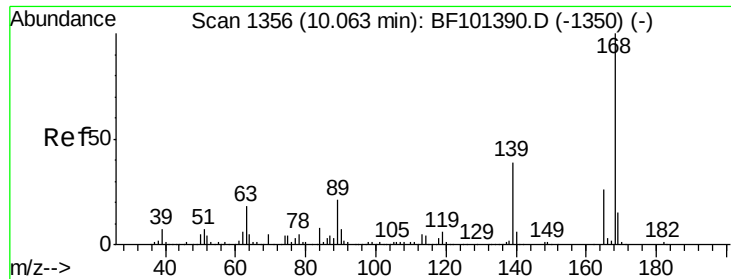
#50
2,6-Dinitrotoluene
Concen: 7.548 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Tgt Ion:165 Resp: 33420
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.5 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

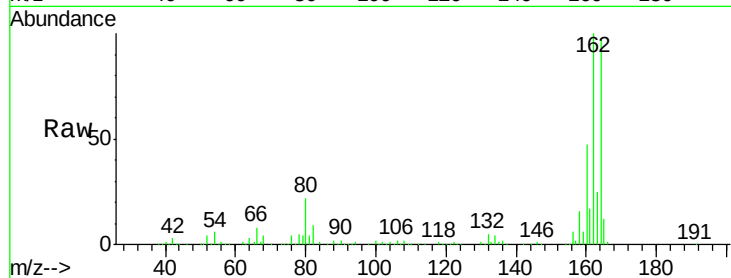




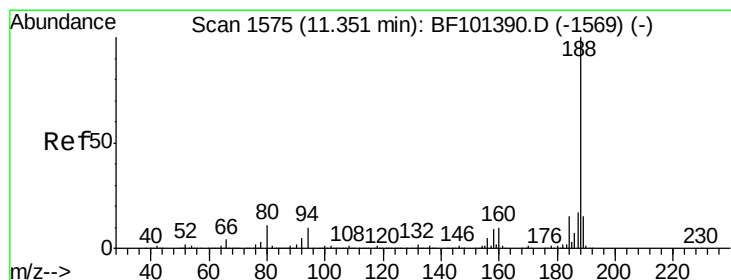
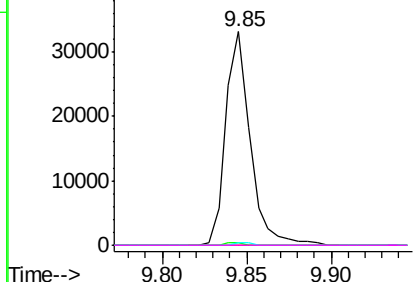
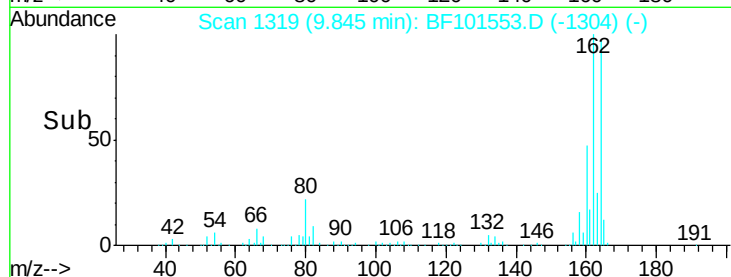
#56
 2,4-Dinitrotoluene
 Concen: 6.699 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101553.D
 Acq: 20 Dec 2017 6:18

Instrument :
 BNA_F
 ClientSampleId :
 121417-TIDO-E-U-B

Tot Ion:165 Resp: 33420
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#

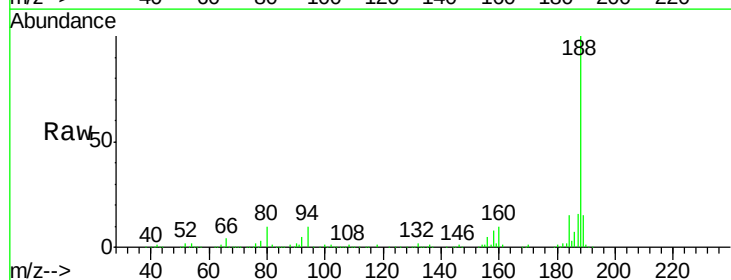


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

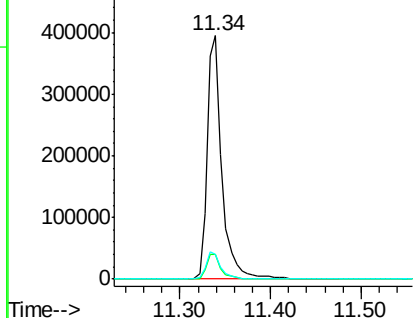
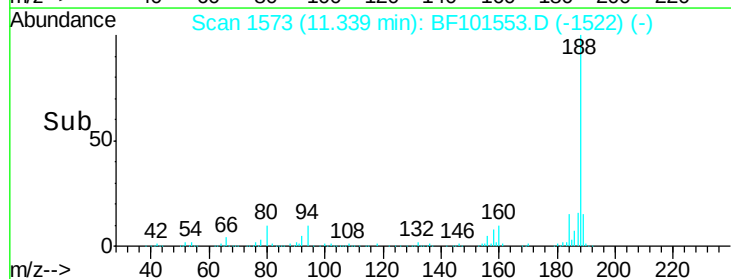


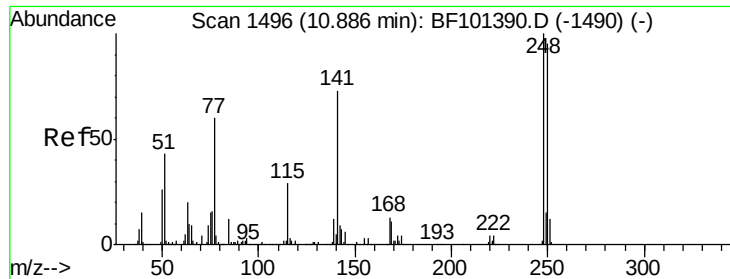
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101553.D
 Acq: 20 Dec 2017 6:18

Tgt Ion:188 Resp: 451558
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.3 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

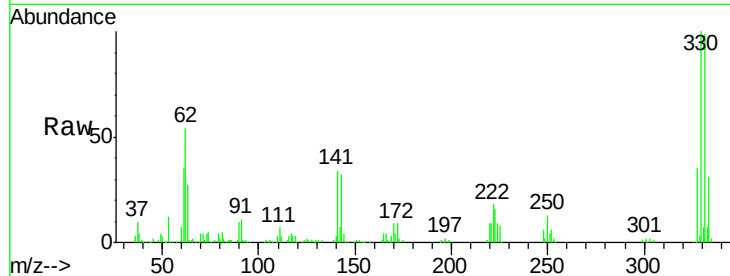




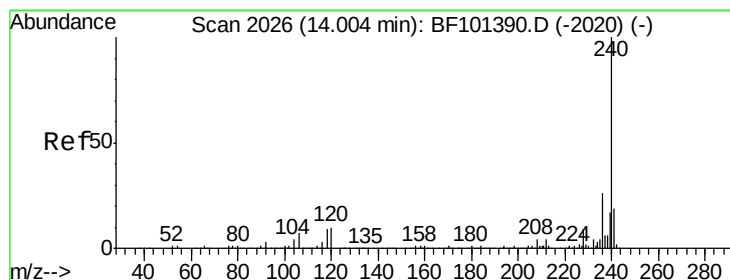
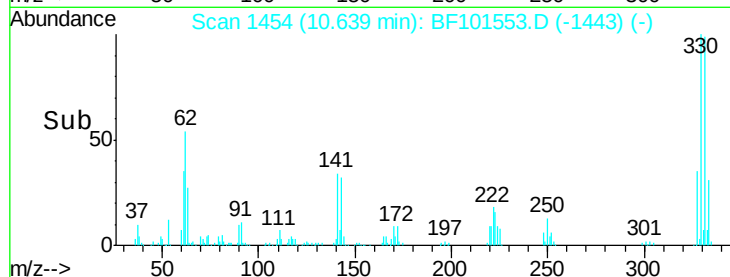
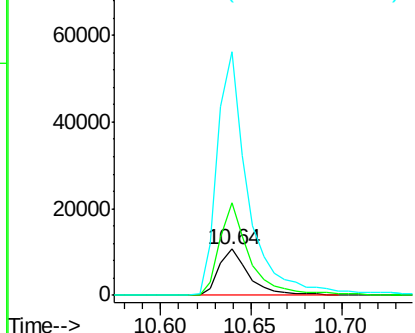
#66
4-Bromophenyl-phenylether
Concen: 2.433 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Instrument :
BNA_F
ClientSampleId :
121417-TIDO-E-U-B

Tot Ion	Ratio	Lower	Upper
248	100		
250	203.0	76.9	115.3#
141	530.5	74.4	111.6#

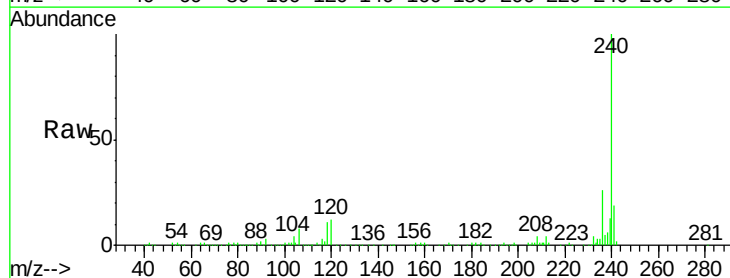


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

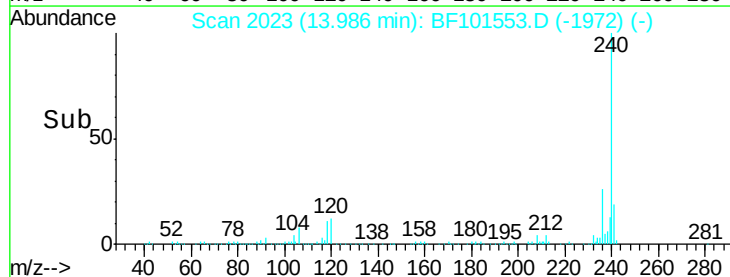
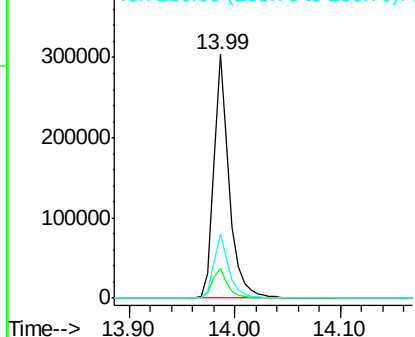


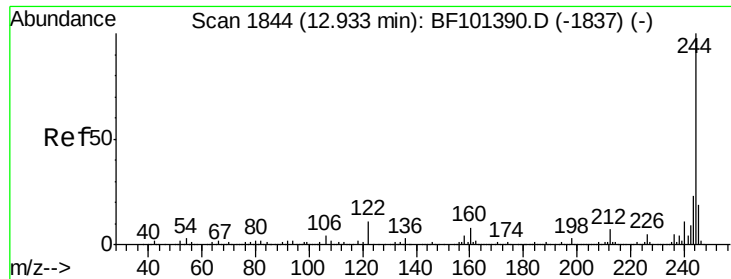
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101553.D
Acq: 20 Dec 2017 6:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.3	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: 76.900 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101553.D

Acq: 20 Dec 2017 6:18

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-U-B

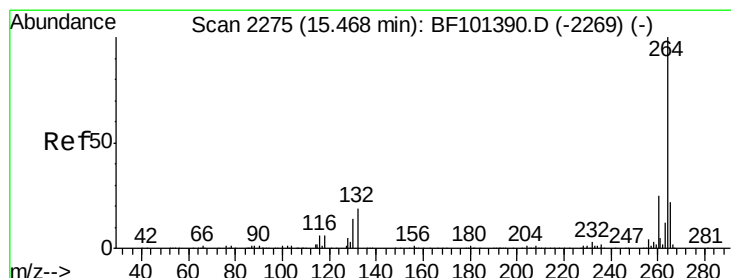
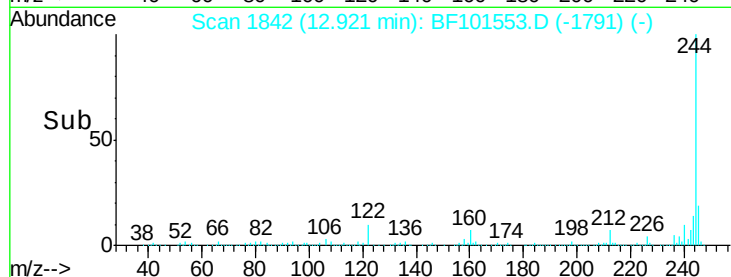
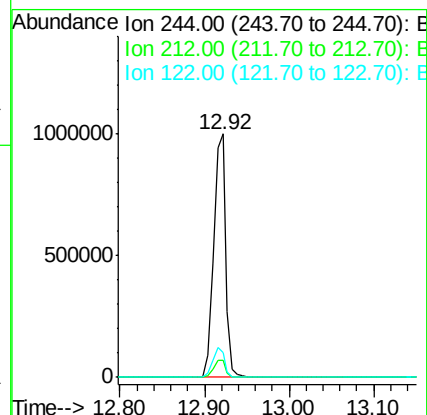
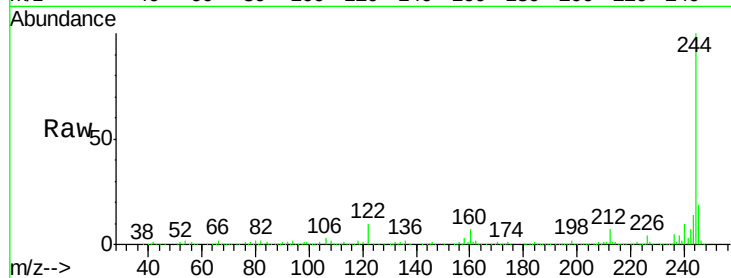
Tot Ion:244 Resp: 1007576

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.4 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101553.D

Acq: 20 Dec 2017 6:18

Tgt Ion:264 Resp: 338285

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.2 17.5 26.3

