

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101551.D
 Acq On : 20 Dec 2017 5:24
 Operator : SJ/JU
 Sample : I6956-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Dec 20 07:07:27 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

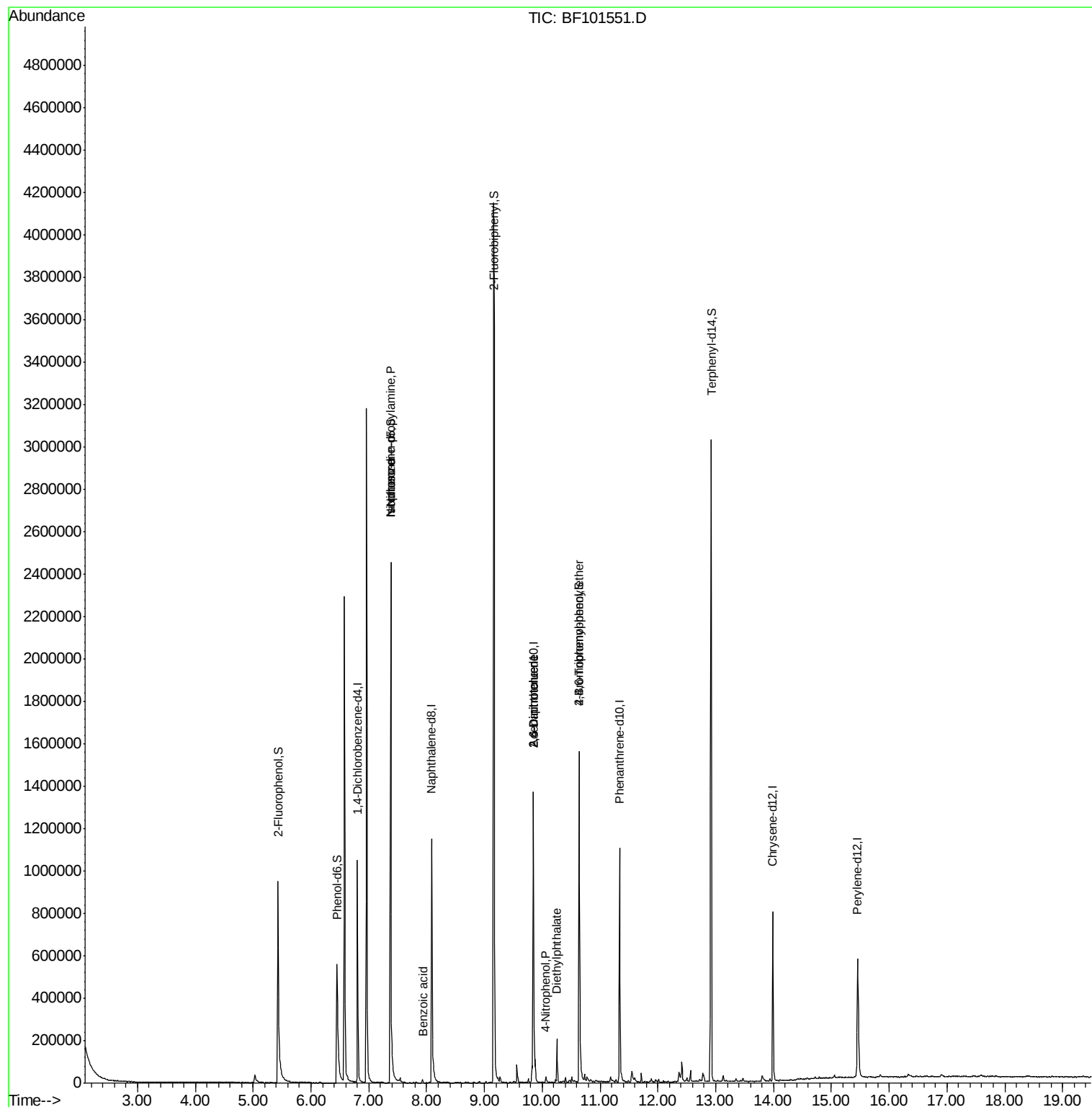
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162306	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	662629	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	282395	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	463301	20.00	ng	0.00
75) Chrysene-d12	13.99	240	312381	20.00	ng	0.00
86) Perylene-d12	15.46	264	338325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	412269	37.84	ng	0.00
7) Phenol-d6	6.45	99	305389	22.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	982217	82.51	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	206266	75.80	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1539300	84.56	ng	0.00
78) Terphenyl-d14	12.92	244	1096729	84.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	128770	14.460	ng	# 81
25) Isophorone	7.38	82	982217	41.132	ng	# 64
32) Benzoic acid	7.94	122	109	7.975	ng	# 1
50) 2,6-Dinitrotoluene	9.85	165	36105	7.821	ng	# 26
55) 4-Nitrophenol	10.06	139	5540	2.207	ng	# 9
56) 2,4-Dinitrotoluene	9.85	165	36105	6.941	ng	# 24
59) Diethylphthalate	10.26	149	64776	2.880	ng	# 98
66) 4-Bromophenyl-phenylether	10.64	248	13348	2.564	ng	# 1

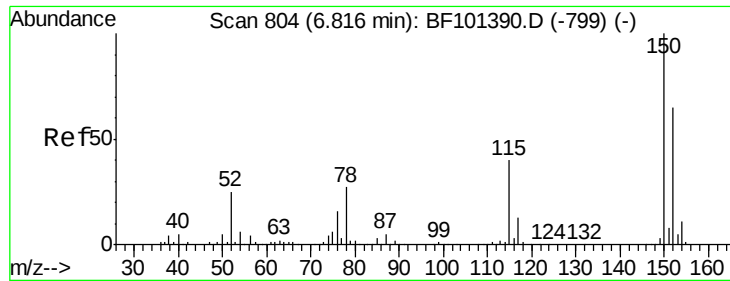
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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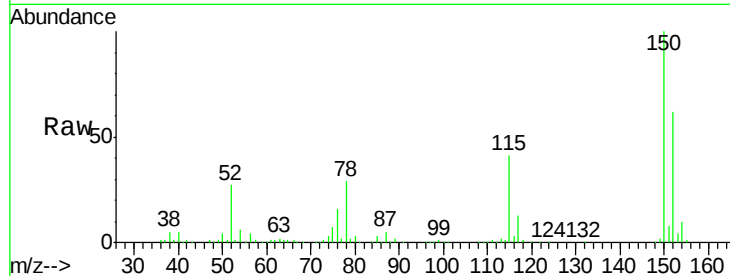


#1

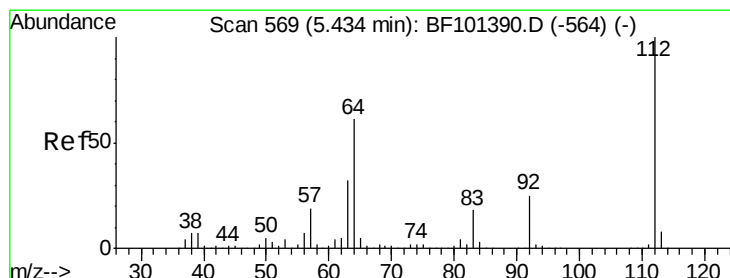
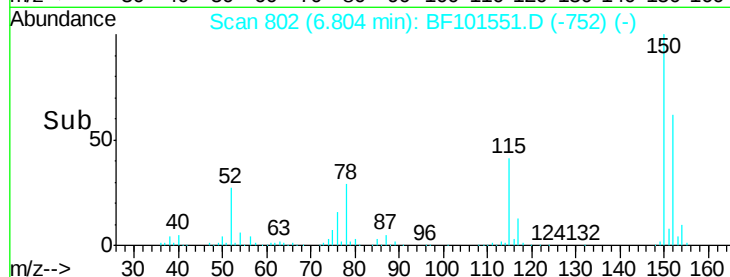
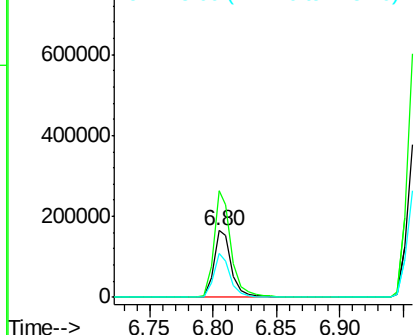
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

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

Tot Ion:152 Resp: 162306
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 66.1 50.1 75.1



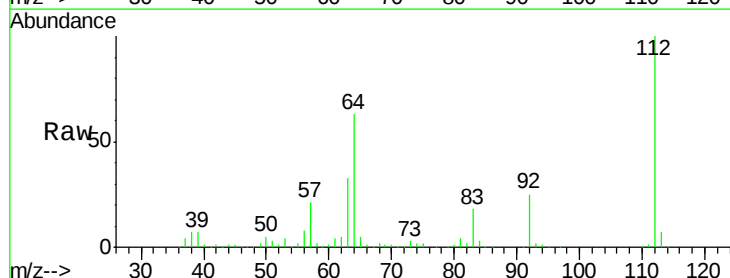
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



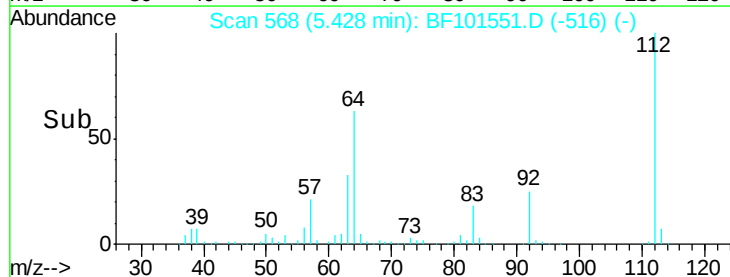
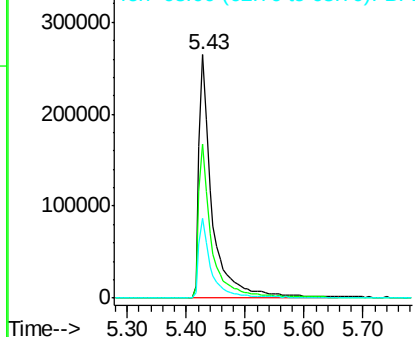
#5

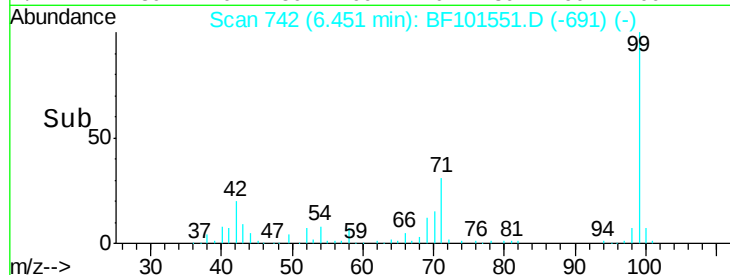
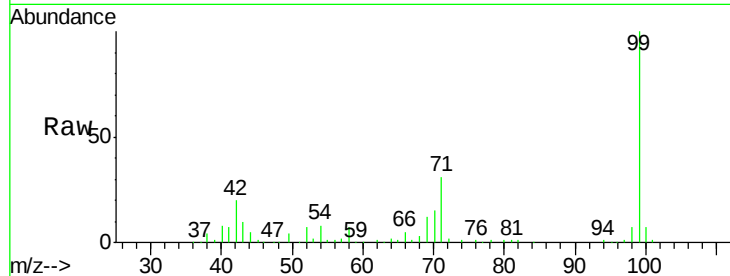
2-Fluorophenol
Concen: 37.836 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

Tgt Ion:112 Resp: 412269
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 32.7 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: 22.520 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-B

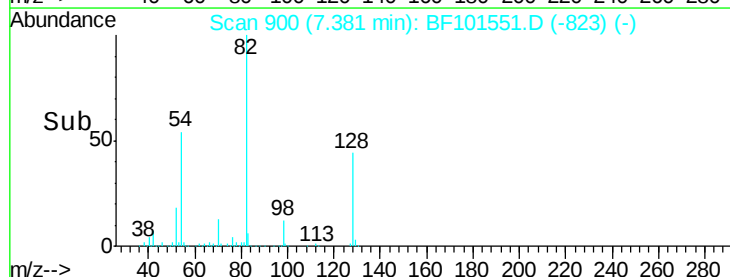
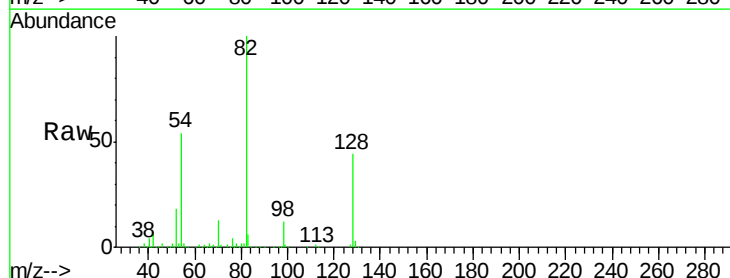
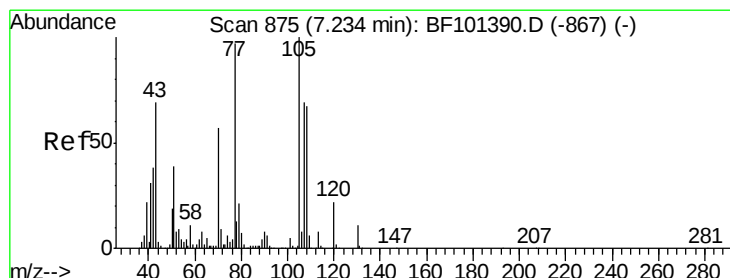
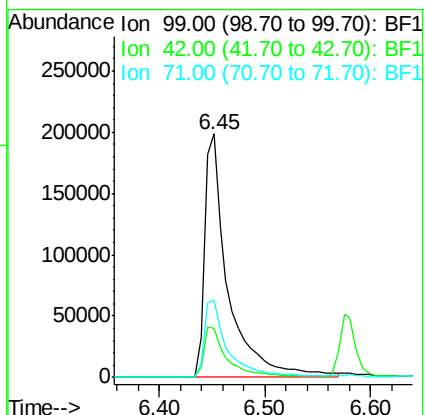
Tot Ion: 99 Resp: 305389

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 31.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.460 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

Tgt Ion: 70 Resp: 128770

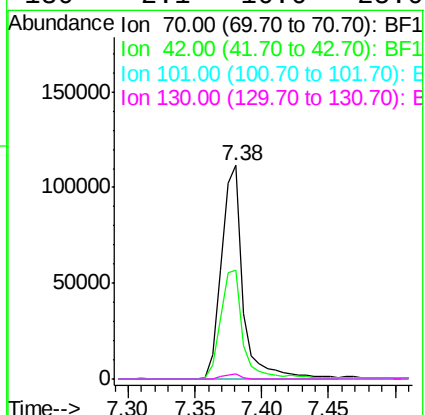
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

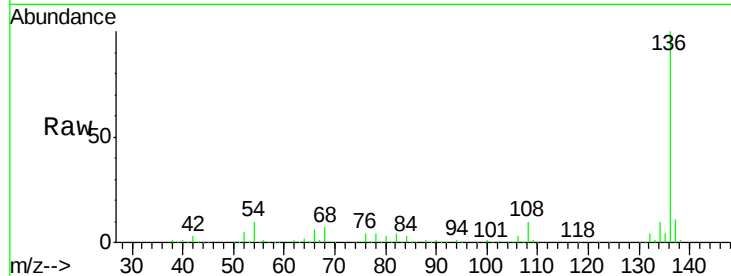




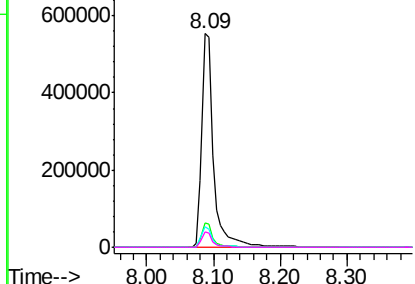
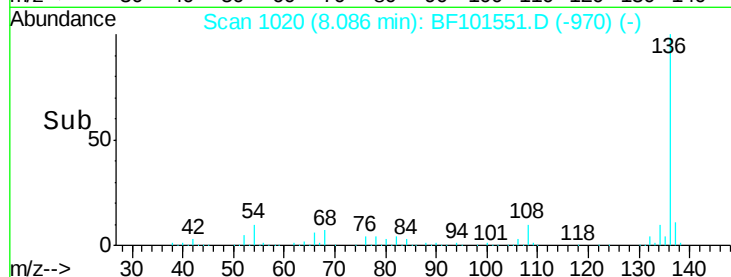
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

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

Tot Ion:136	Resp:	662629
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	9.6	6.6 9.8
68	7.0	5.0 7.4

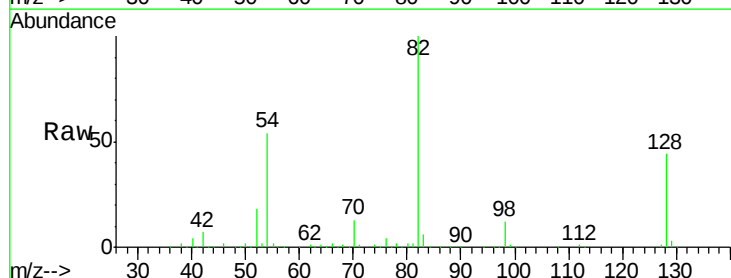


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

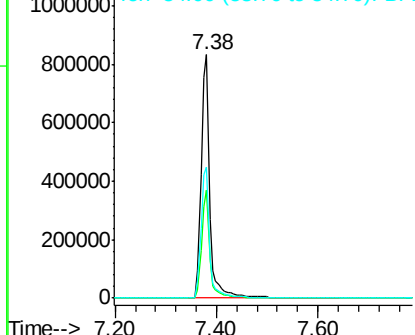
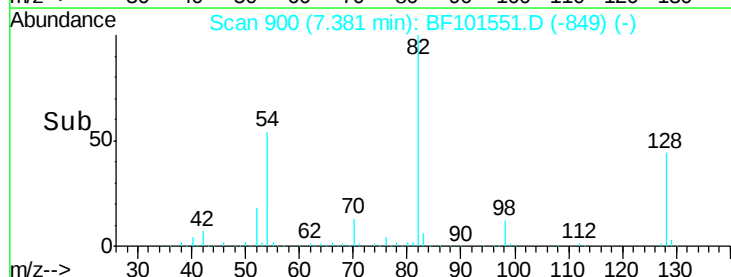


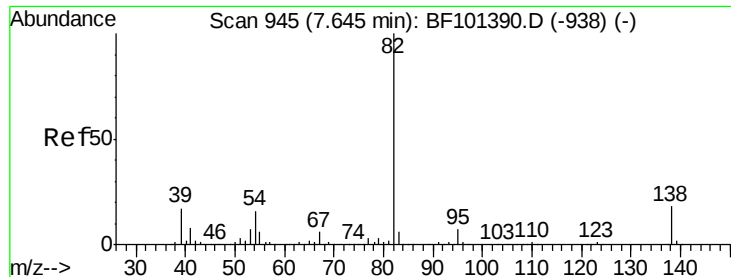
#23
Nitrobenzene-d5
Concen: 82.514 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

Tgt Ion: 82	Resp:	982217
Ion Ratio	Lower	Upper
82	100	
128	44.3	36.1 54.1
54	53.7	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: 41.132 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-B

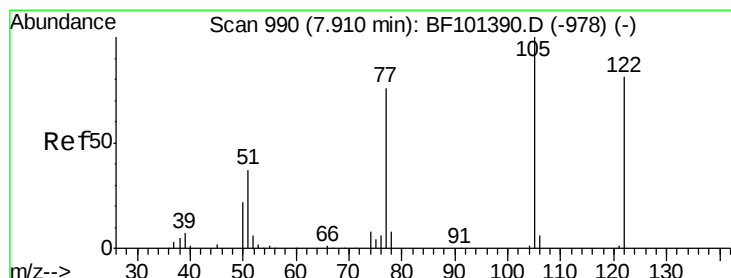
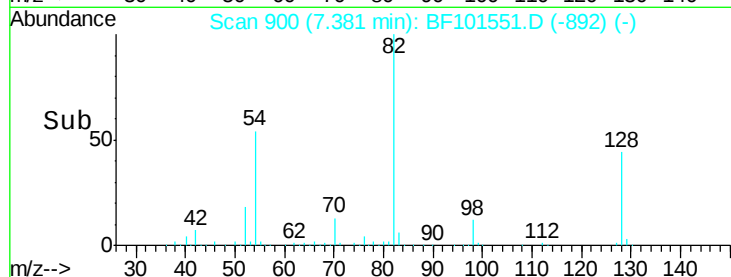
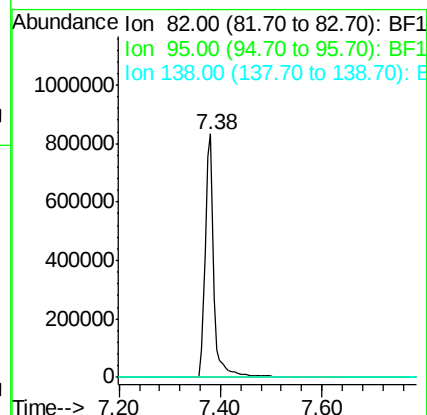
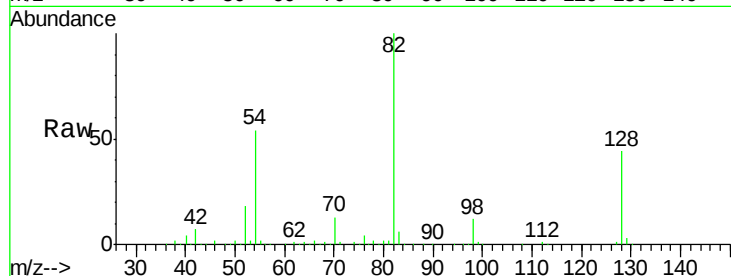
Tot Ion: 82 Resp: 982217

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 7.975 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.03 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

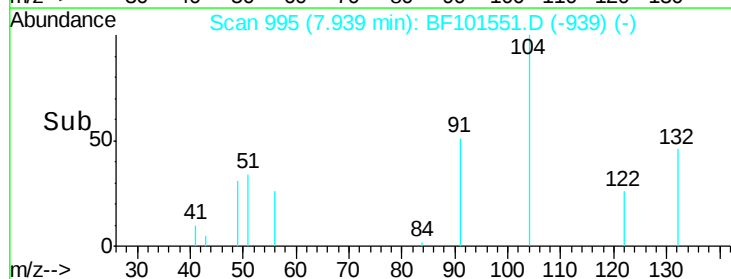
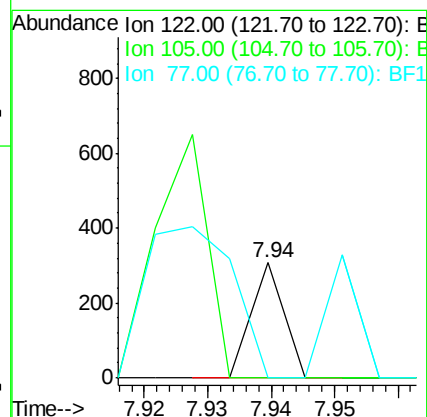
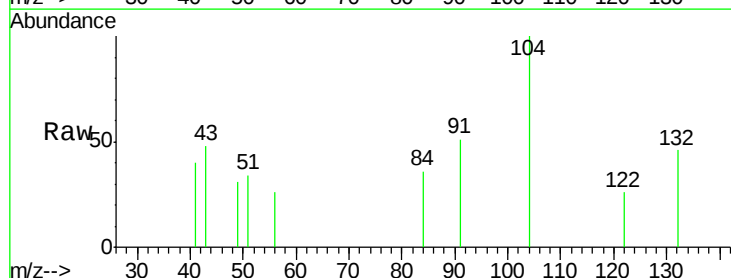
Tgt Ion: 122 Resp: 109

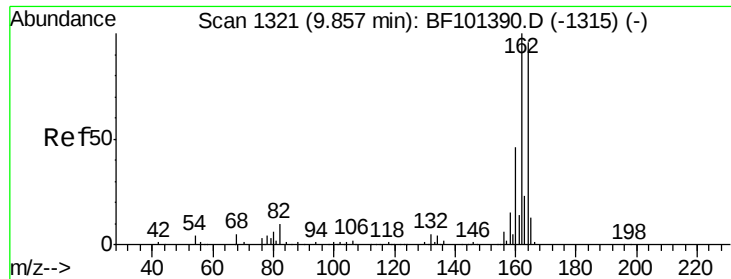
Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#

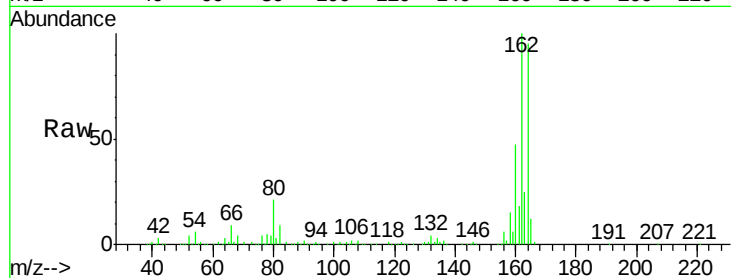




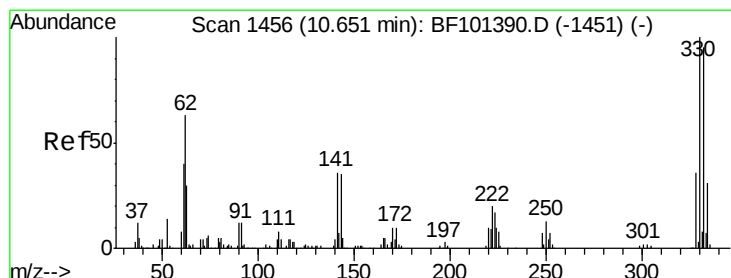
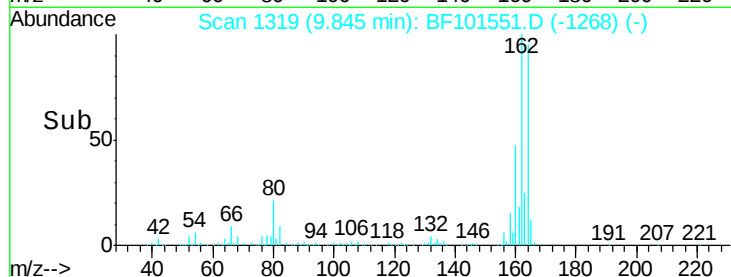
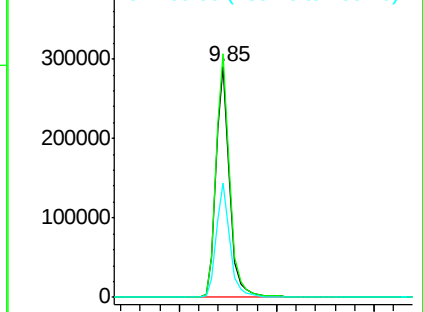
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	49.4	38.3	57.5

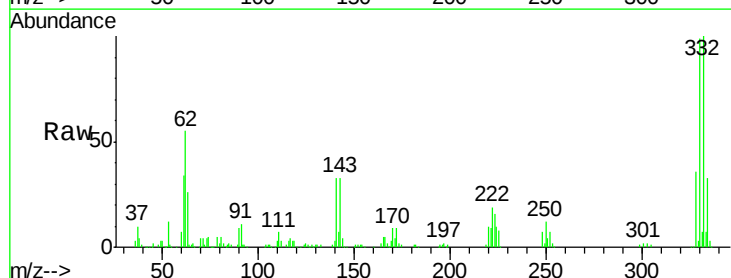


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

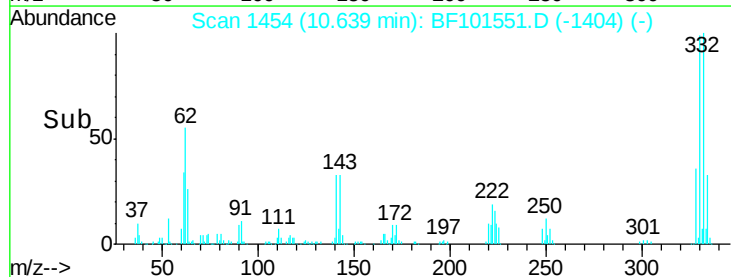
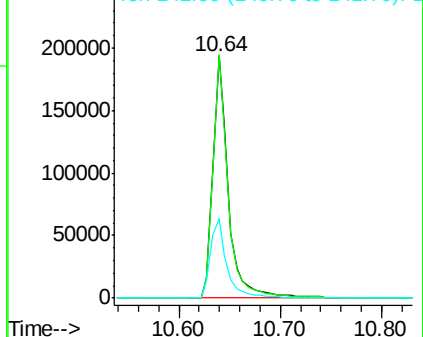


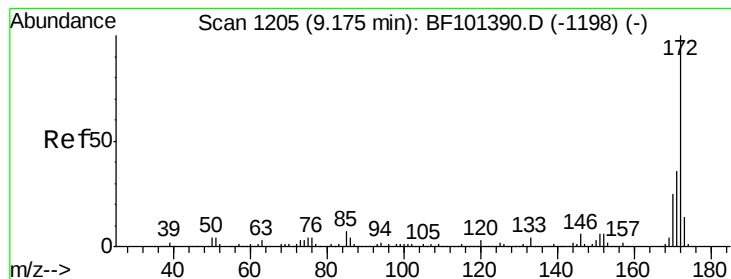
#41
2,4,6-Tribromophenol
Concen: 75.803 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	35.1	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: 84.556 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

Instrument :

BNA_F

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121417-TIDO-E-D-B

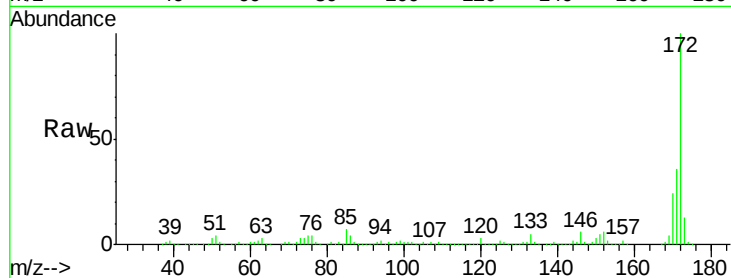
Tot Ion:172 Resp: 1539300

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

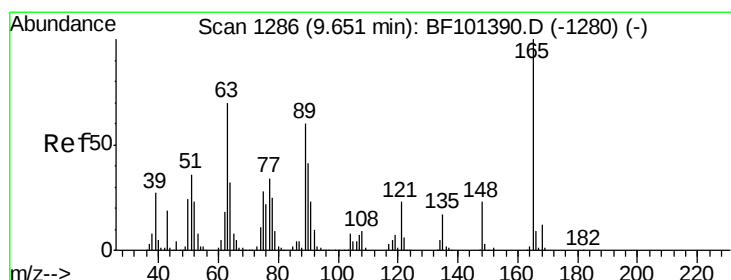
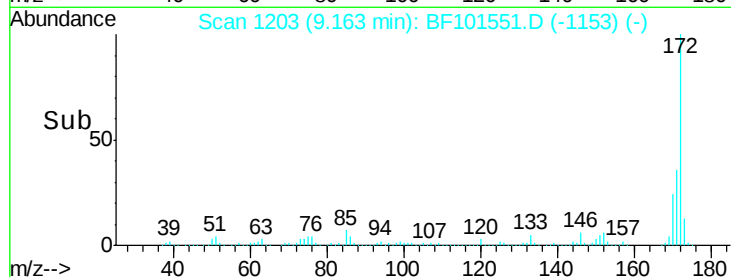
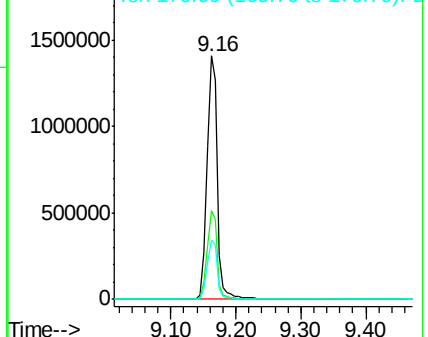
170 24.4 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.821 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

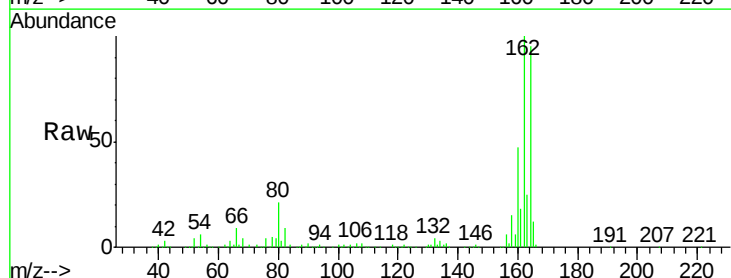
Tgt Ion:165 Resp: 36105

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

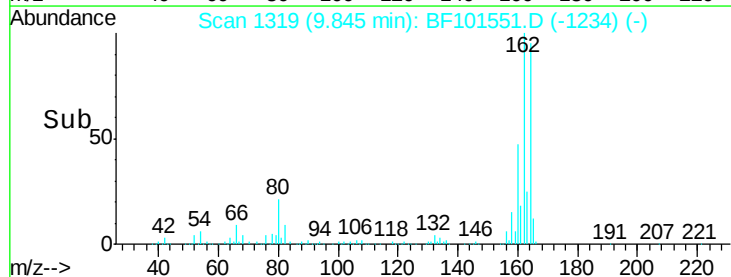
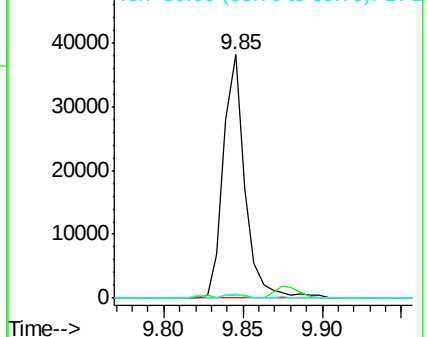
89 1.9 44.0 66.0#

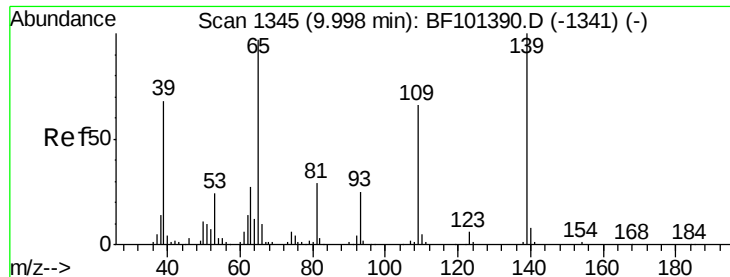


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#55

4-Nitrophenol

Concen: 2.207 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.07 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

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121417-TIDO-E-D-B

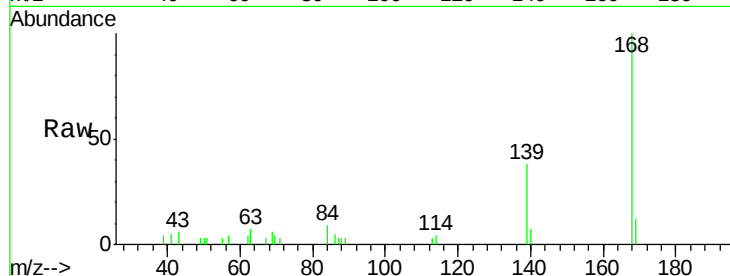
Tot Ion:139 Resp: 5540

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

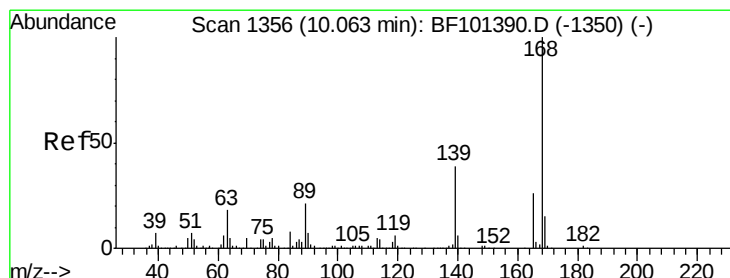
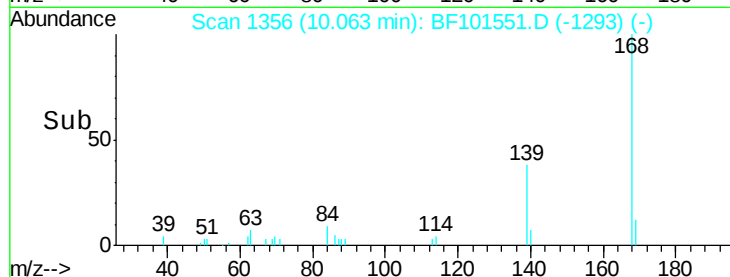
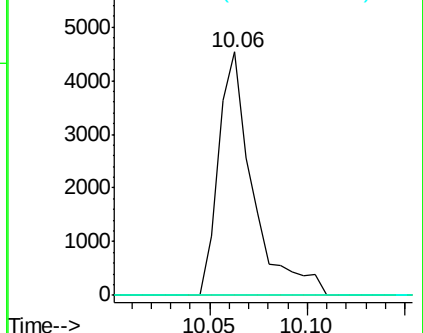
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.941 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

Tgt Ion:165 Resp: 36105

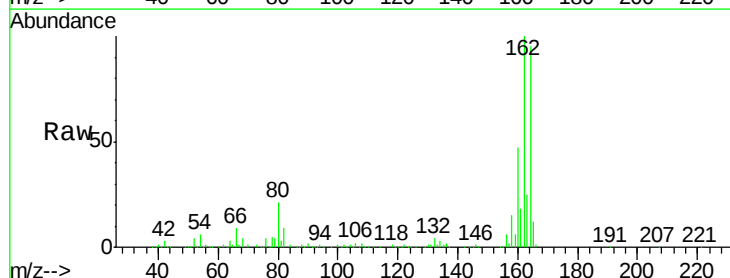
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

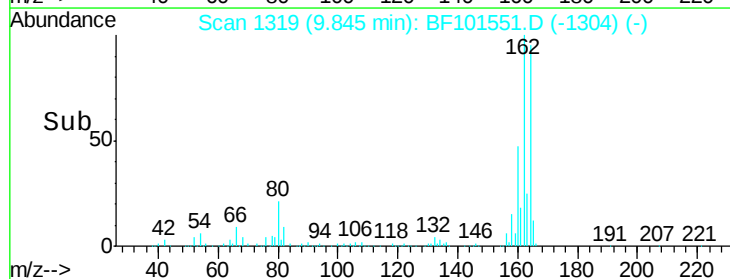
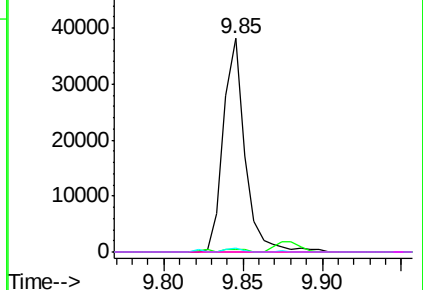


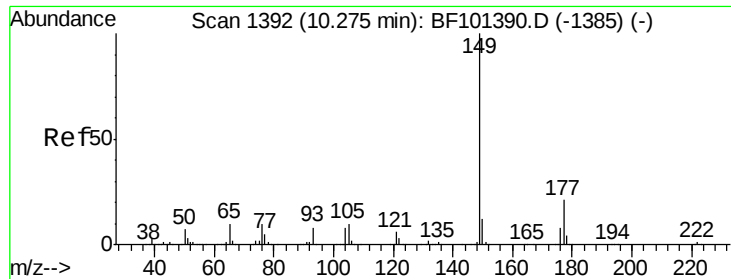
Abundance Ion 165.00 (164.70 to 165.70): E

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

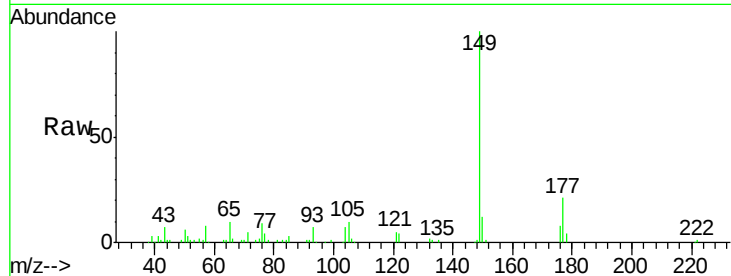




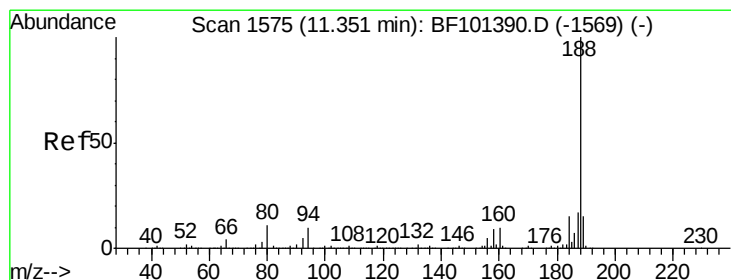
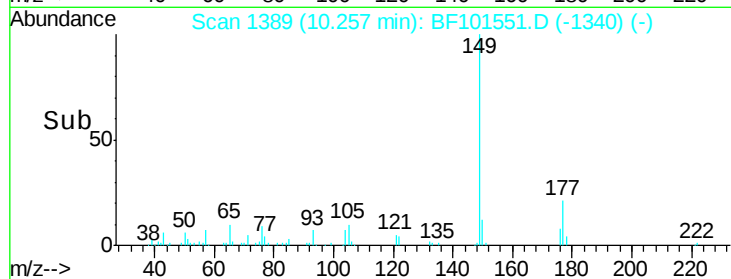
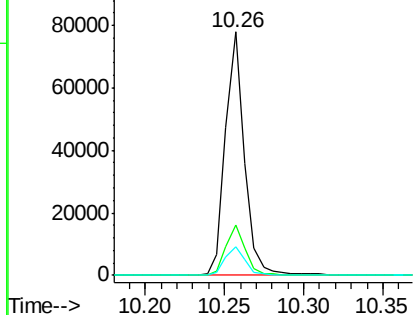
#59
Diethylphthalate
Concen: 2.880 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

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

Tot Ion:149 Resp: 64776
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 11.7 10.1 15.1

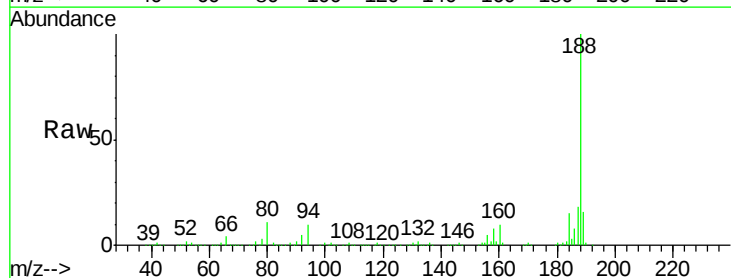


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

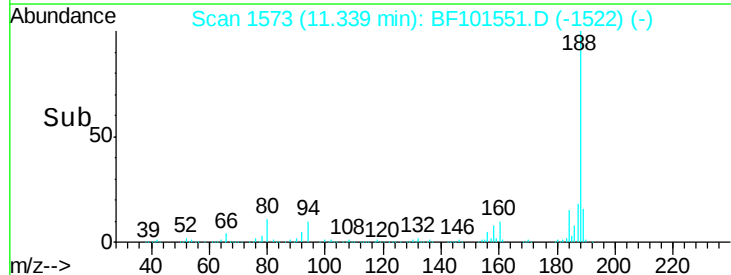
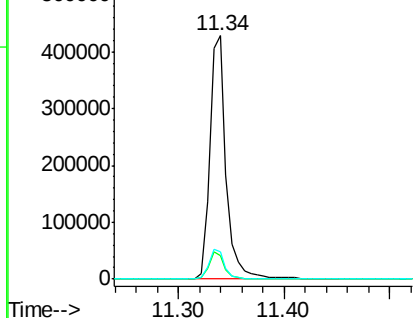


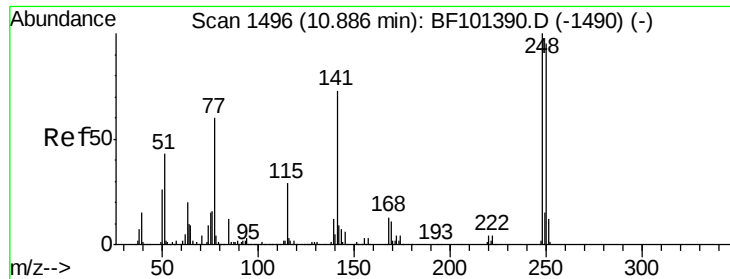
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

Tgt Ion:188 Resp: 463301
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 11.0 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

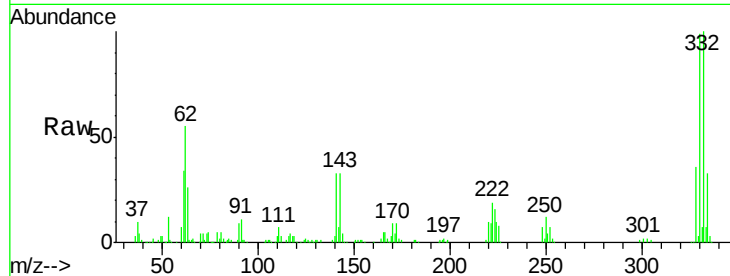




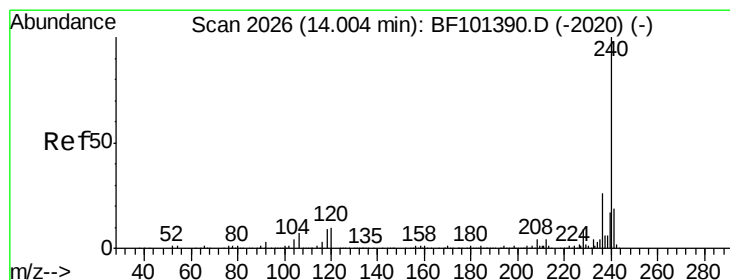
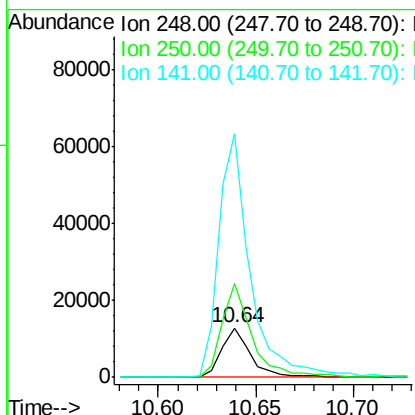
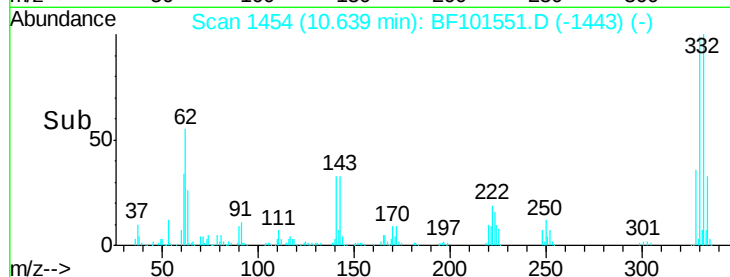
#66
4-Bromophenyl-phenylether
Concen: 2.564 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

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

Tot Ion:248 Resp: 13348
Ion Ratio Lower Upper
248 100
250 188.0 76.9 115.3#
141 490.6 74.4 111.6#

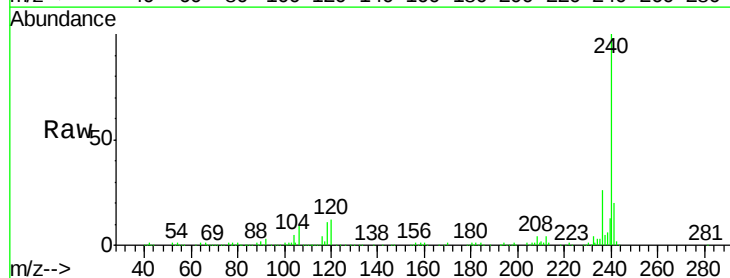


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

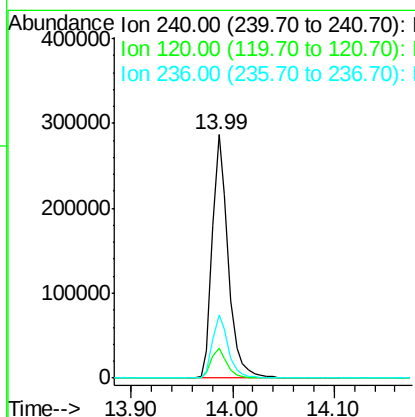
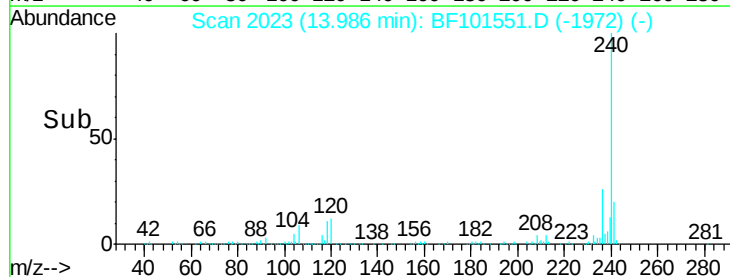


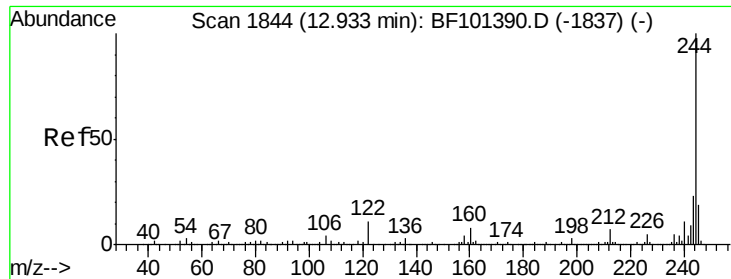
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101551.D
Acq: 20 Dec 2017 5:24

Tgt Ion:240 Resp: 312381
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 26.0 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: 84.639 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

Instrument :

BNA_F

ClientSampleId :

121417-TIDO-E-D-B

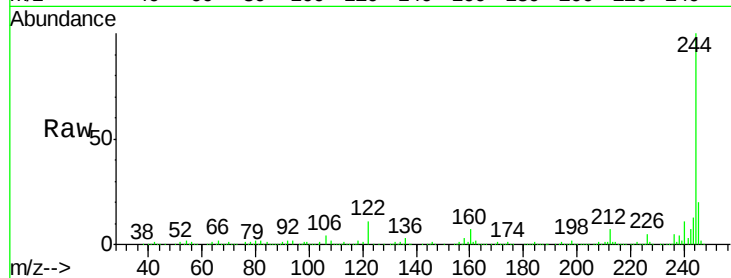
Tot Ion:244 Resp: 1096729

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

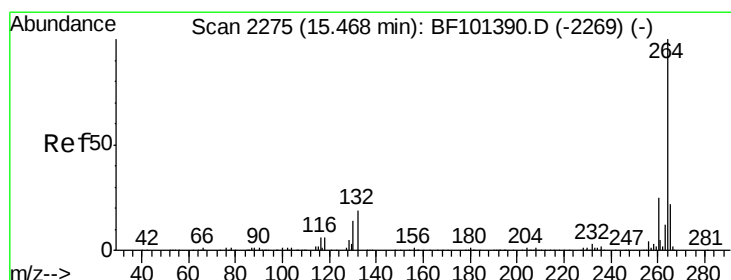
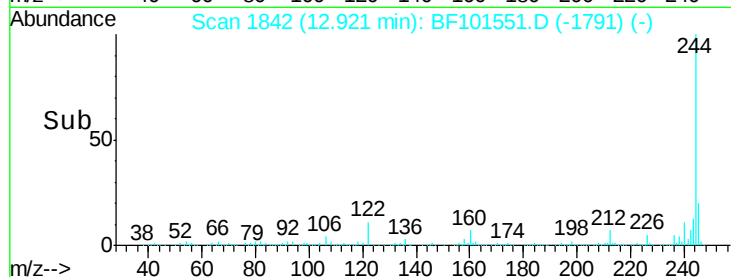
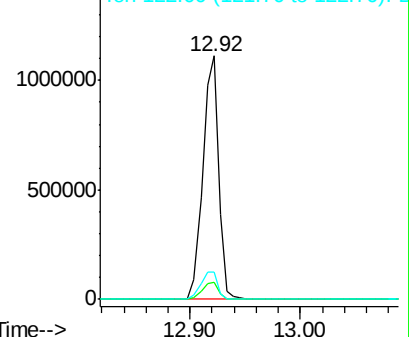
122 11.1 11.0 16.4



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: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101551.D

Acq: 20 Dec 2017 5:24

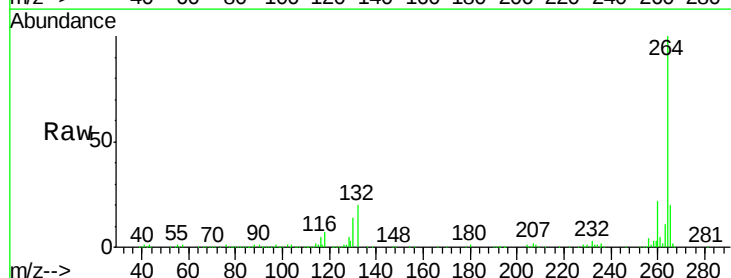
Tgt Ion:264 Resp: 338325

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 20.3 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

