

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101572.D
 Acq On : 20 Dec 2017 17:18
 Operator : SJ/JU
 Sample : I6682-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-B

Quant Time: Dec 21 04:04:15 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

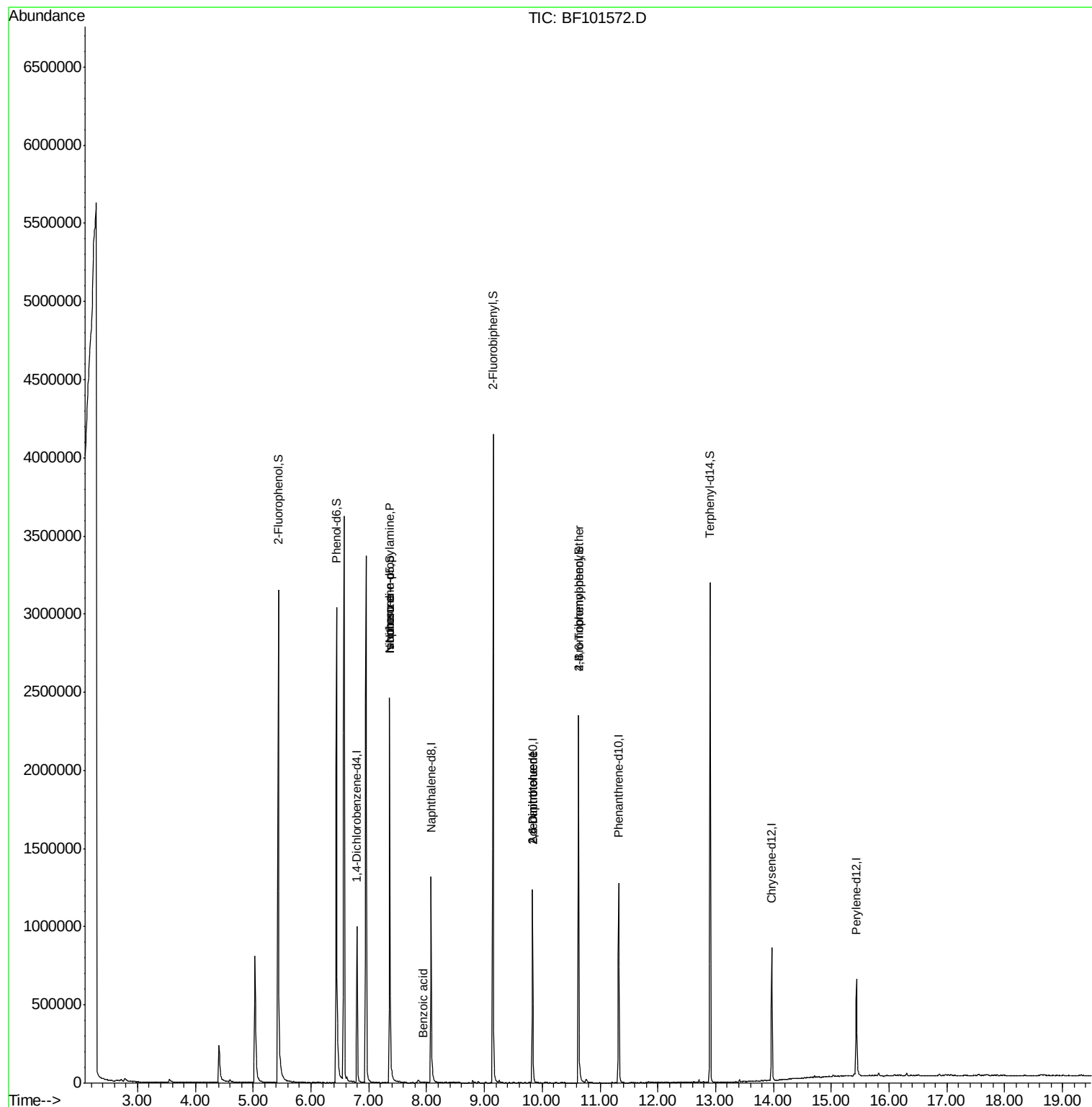
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159521	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	628871	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	267083	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	456817	20.00	ng	0.00
75) Chrysene-d12	13.97	240	295848	20.00	ng	0.00
86) Perylene-d12	15.43	264	321848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1155571	107.91	ng	0.02
7) Phenol-d6	6.44	99	1273018	95.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	992868	87.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	309968	120.44	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1521345	88.36	ng	0.00
78) Terphenyl-d14	12.90	244	1186277	96.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	132994	15.195	ng	# 83
25) Isophorone	7.36	82	992868	43.810	ng	# 64
32) Benzoic acid	7.94	122	117	7.977	ng	# 56
50) 2,6-Dinitrotoluene	9.83	165	34048	7.798	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	34048	6.921	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	19919	3.881	ng	# 1

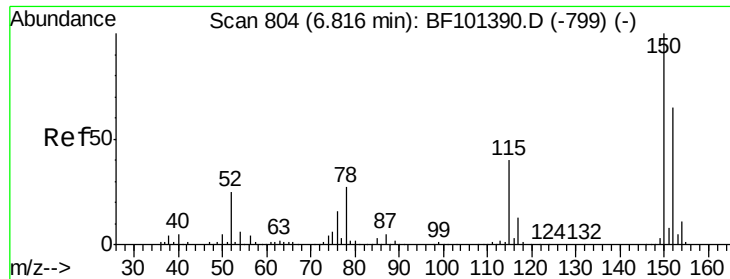
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122017\
Data File : BF101572.D
Acq On : 20 Dec 2017 17:18
Operator : SJ/JU
Sample : I6682-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Quant Time: Dec 21 04:04:15 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



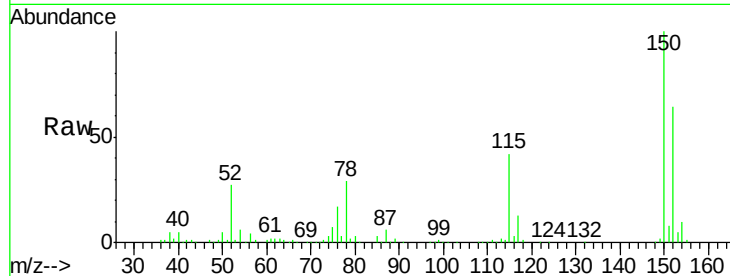


#1

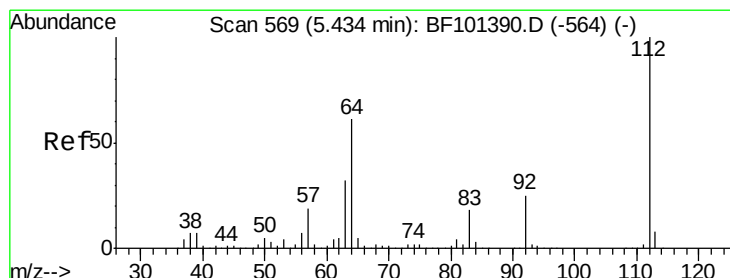
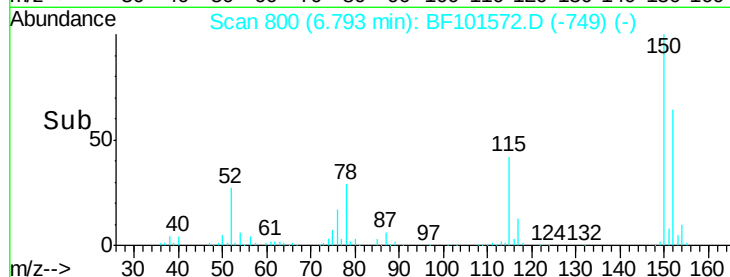
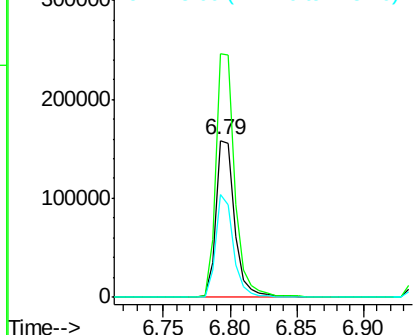
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101572.D
Acq: 20 Dec 2017 17:18

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion:152 Resp: 159521
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 65.4 50.1 75.1



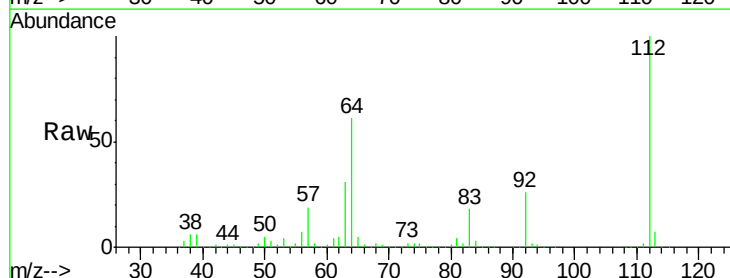
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



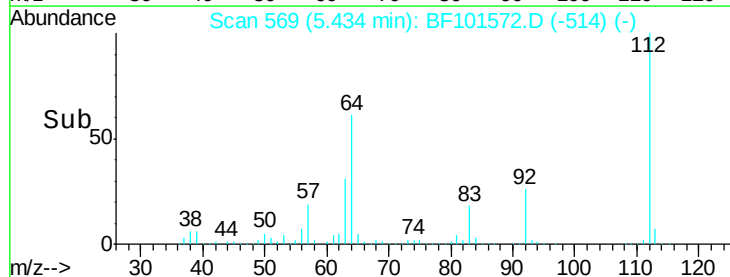
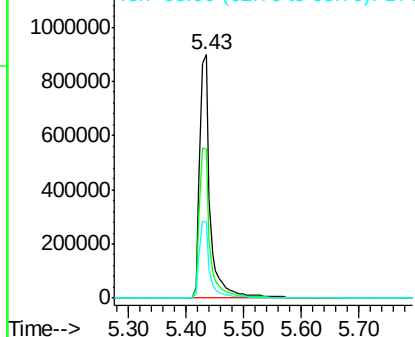
#5

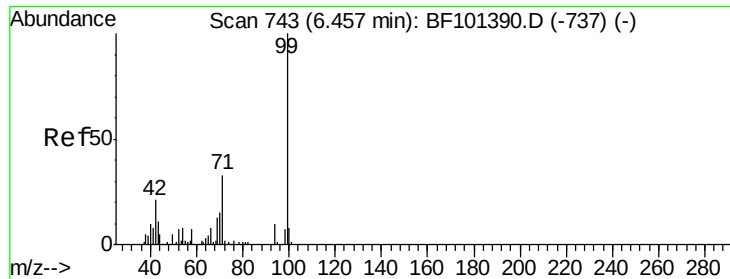
2-Fluorophenol
Concen: 107.905 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF101572.D
Acq: 20 Dec 2017 17:18

Tgt Ion:112 Resp: 1155571
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.4 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: 95.515 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-B

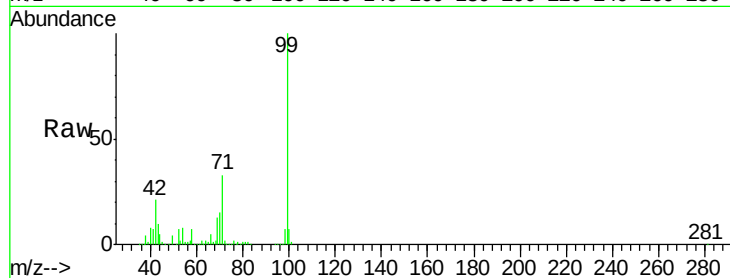
Tot Ion: 99 Resp: 1273018

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

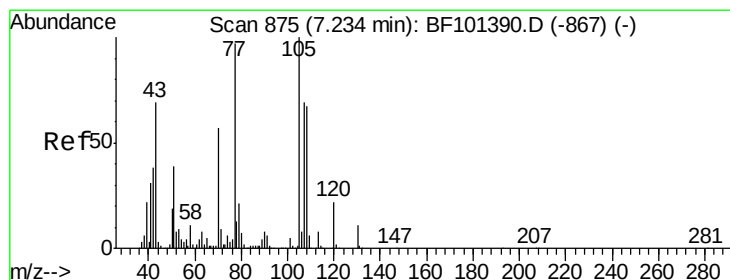
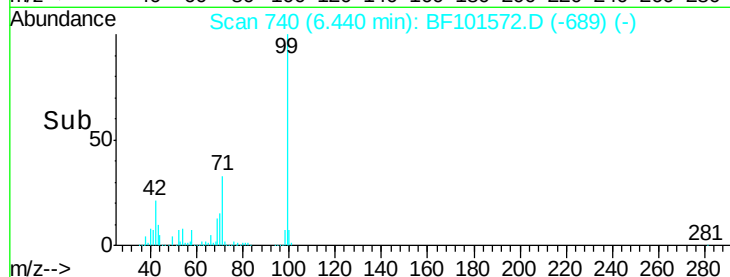
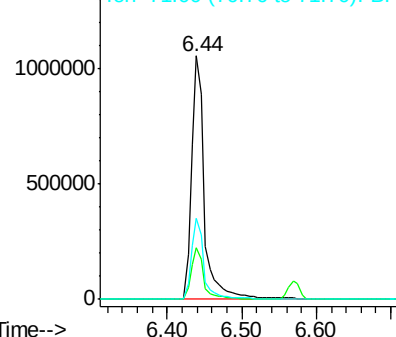
71 33.1 25.4 38.0



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: 15.195 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

Tgt Ion: 70 Resp: 132994

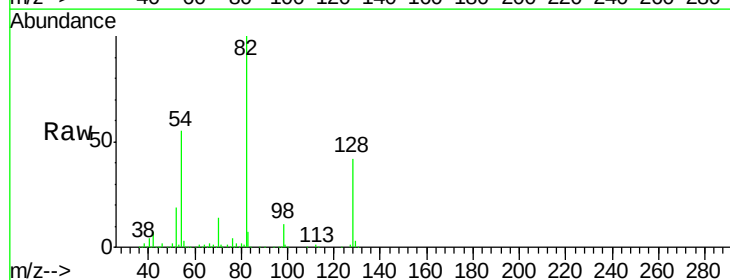
Ion Ratio Lower Upper

70 100

42 53.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

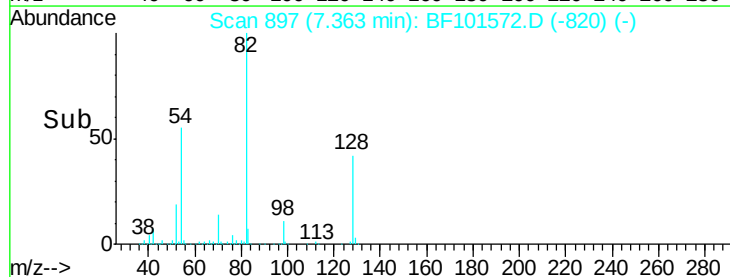
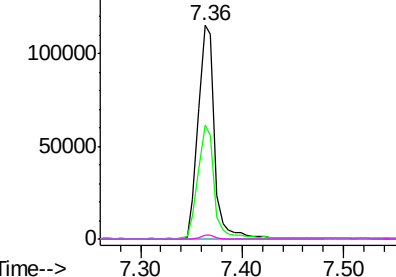


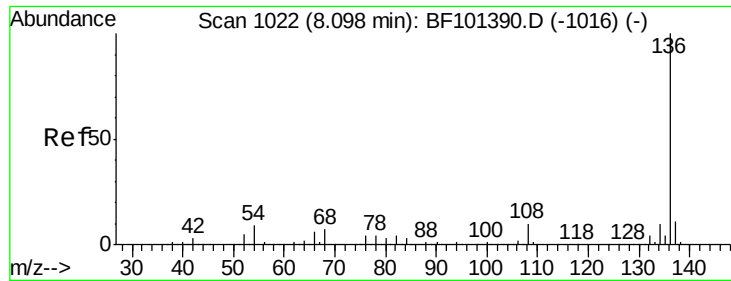
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

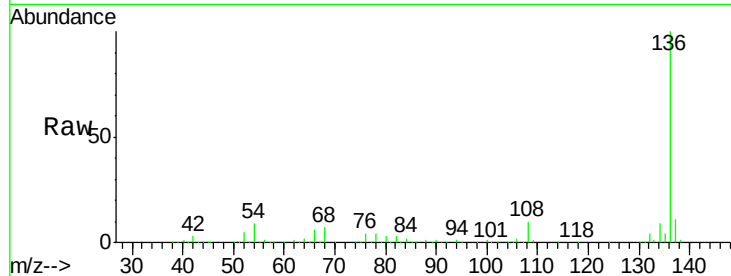




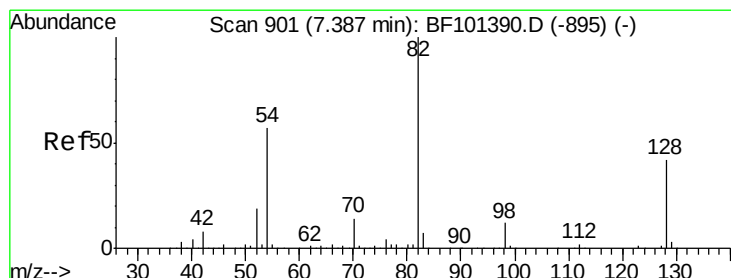
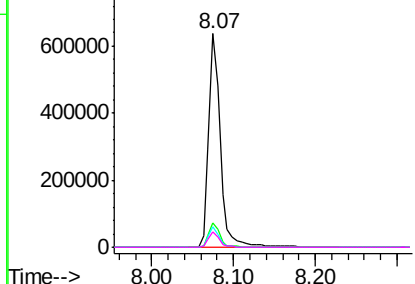
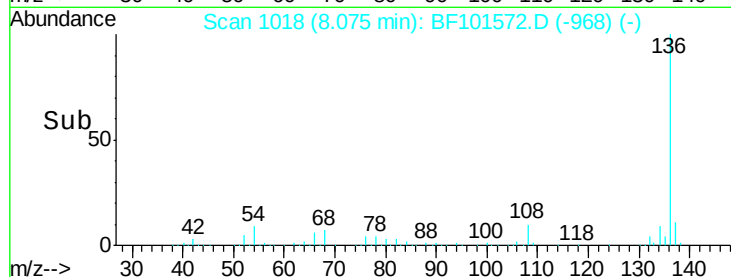
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101572.D
Acq: 20 Dec 2017 17:18

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

Tot Ion:136	Resp:	628871	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 9.5	6.6	9.8	
68 7.0	5.0	7.4	

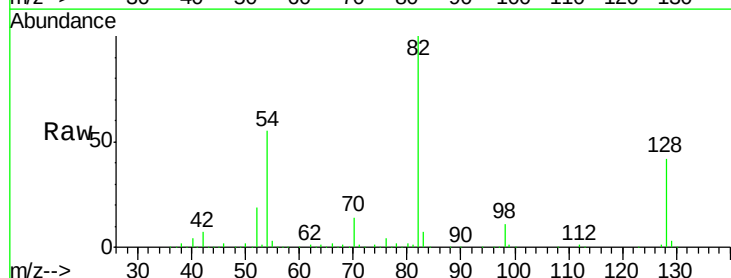


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

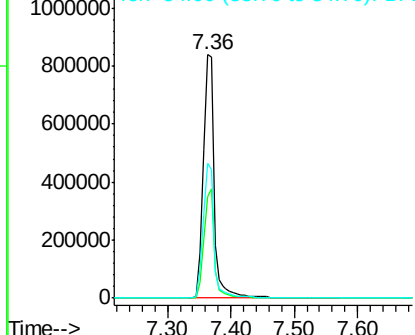
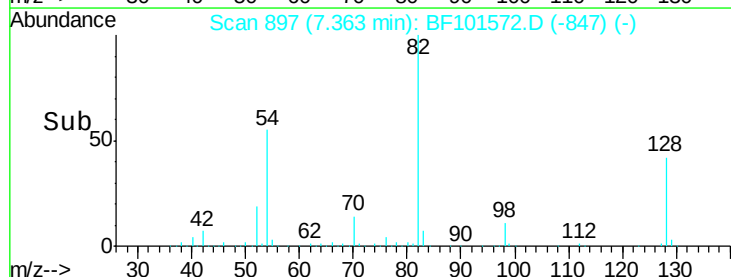


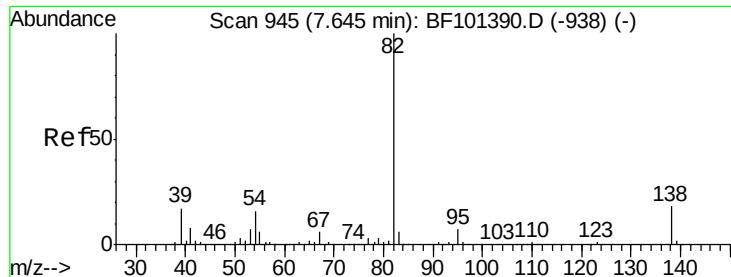
#23
Nitrobenzene-d5
Concen: 87.886 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101572.D
Acq: 20 Dec 2017 17:18

Tgt Ion: 82	Resp: 992868
Ion Ratio	Lower Upper
82 100	
128 41.6	36.1 54.1
54 55.3	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: 43.810 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-B

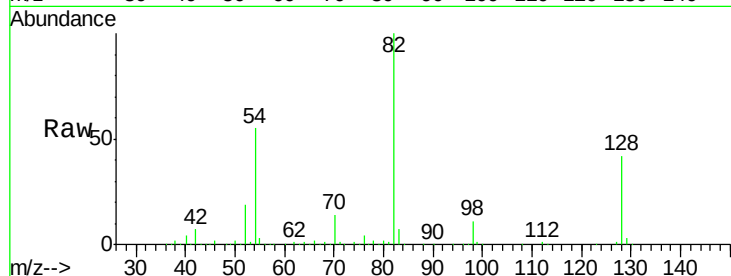
Tot Ion: 82 Resp: 992868

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

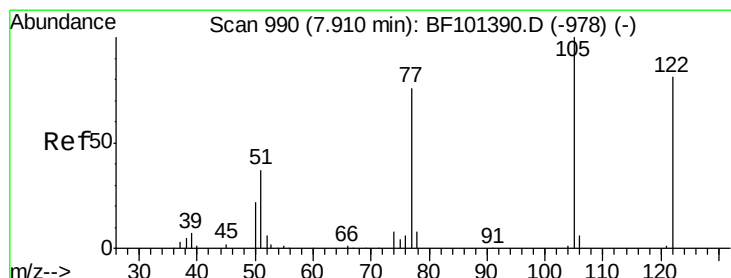
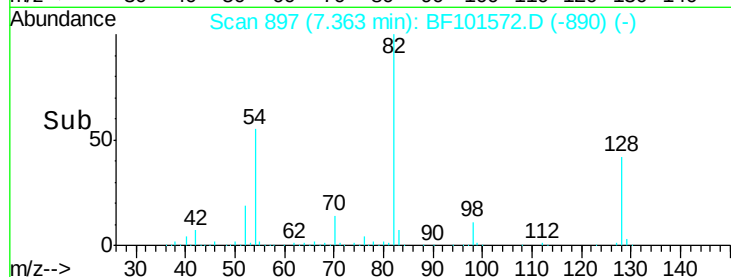
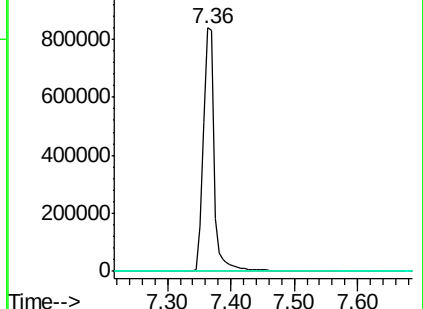
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.977 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.04 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

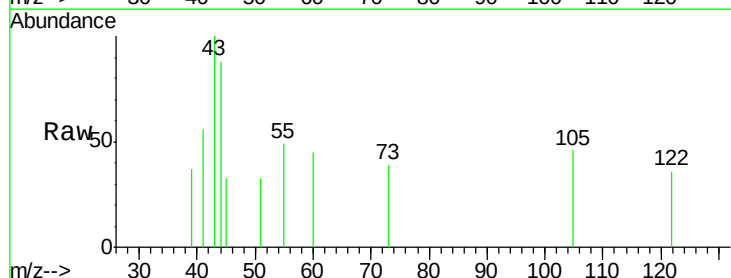
Tgt Ion: 122 Resp: 117

Ion Ratio Lower Upper

122 100

105 127.4 101.1 141.1

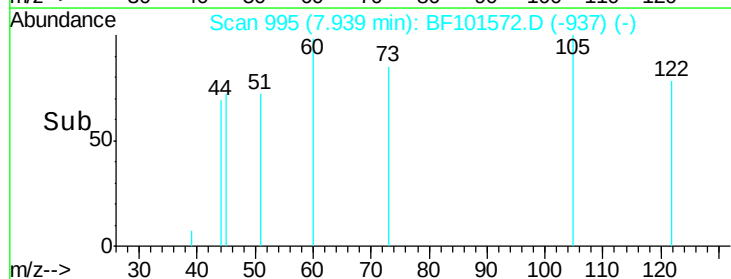
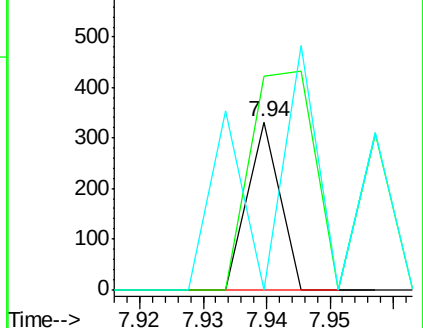
77 0.0 70.7 110.7#

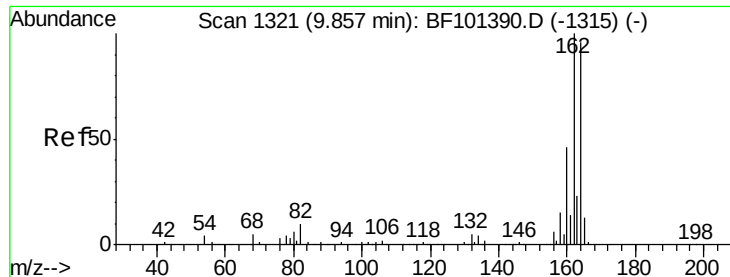


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-B

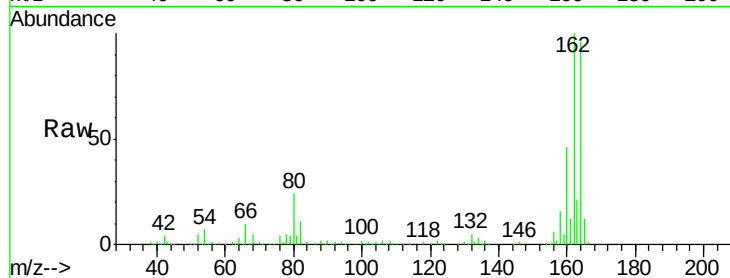
Tot Ion:164 Resp: 267083

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

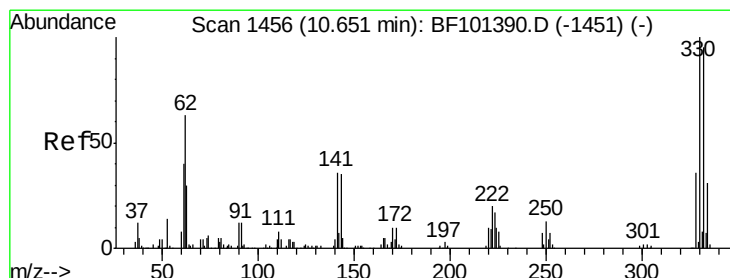
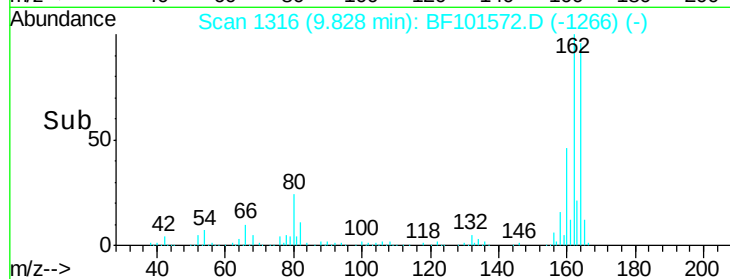
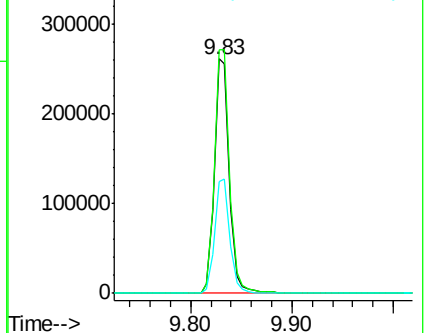
160 47.9 38.3 57.5



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: 120.444 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

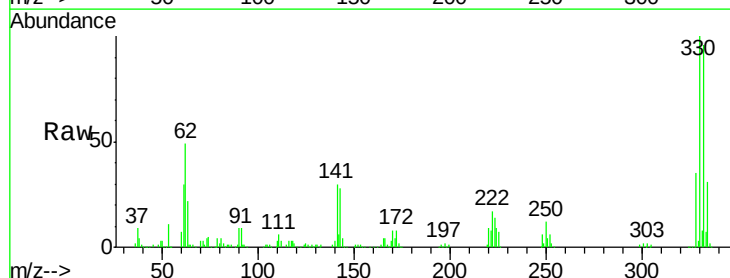
Tgt Ion:330 Resp: 309968

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

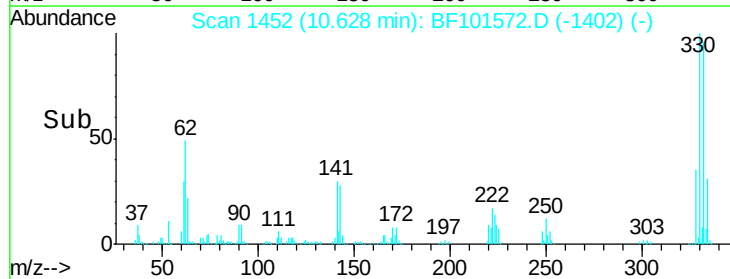
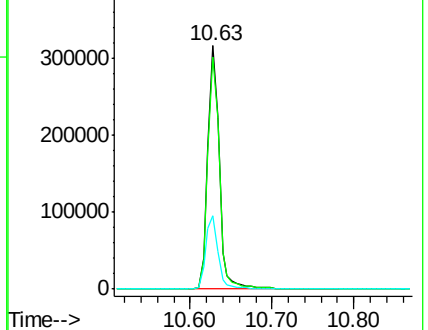
141 33.0 29.9 44.9

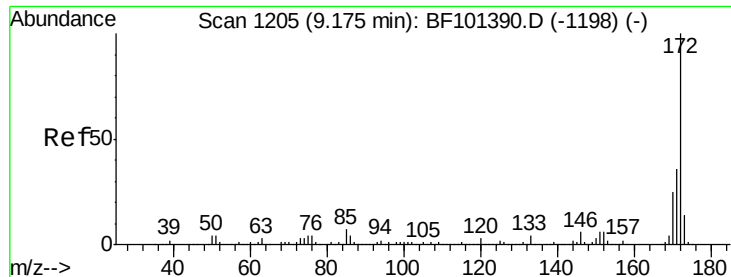


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

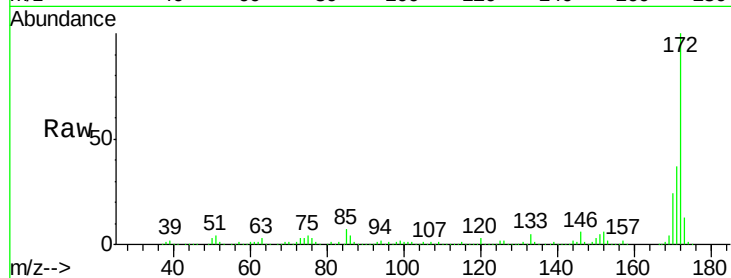




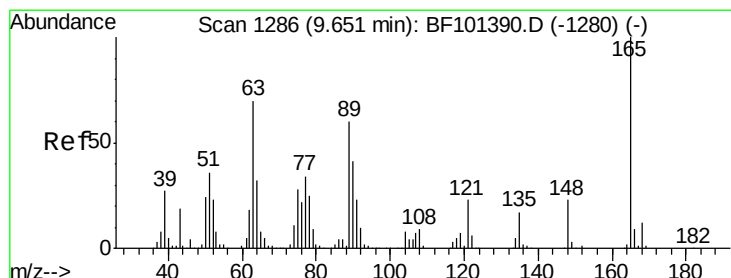
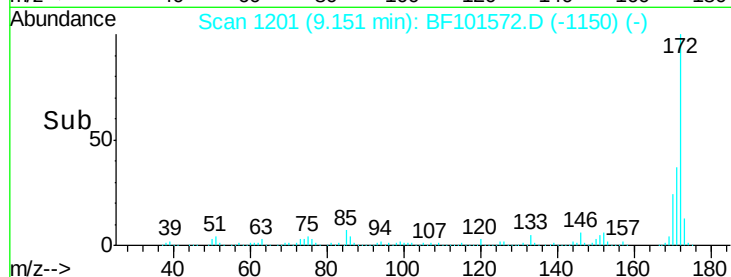
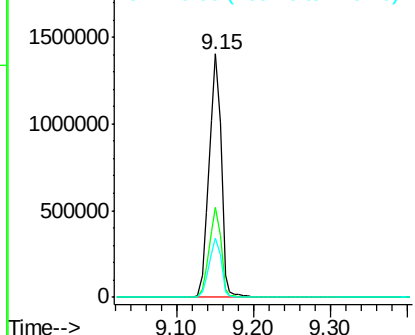
#44
 2-Fluorobiphenyl
 Concen: 88.361 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101572.D
 Acq: 20 Dec 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-B

Tot Ion:172 Resp: 1521345
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.5 19.6 29.4

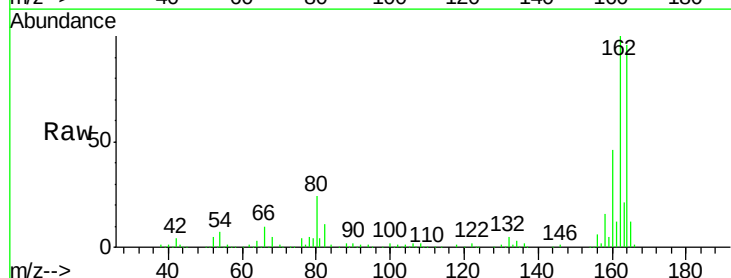


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

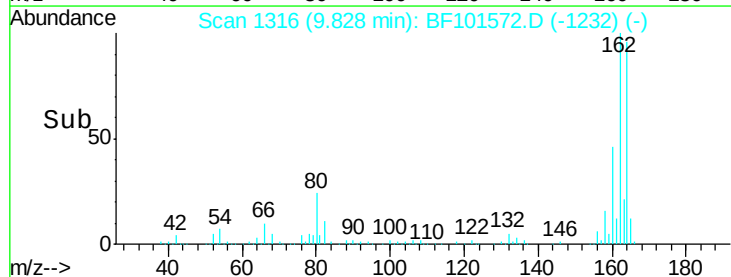
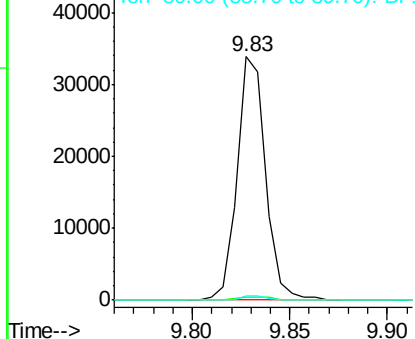


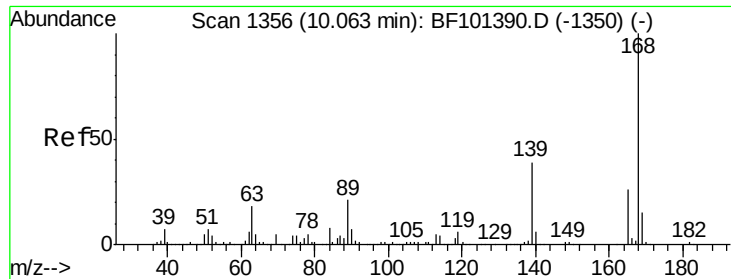
#50
 2,6-Dinitrotoluene
 Concen: 7.798 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF101572.D
 Acq: 20 Dec 2017 17:18

Tgt Ion:165 Resp: 34048
 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

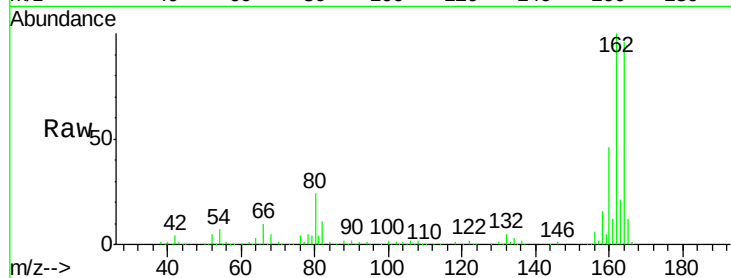




#56
 2,4-Dinitrotoluene
 Concen: 6.921 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF101572.D
 Acq: 20 Dec 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-B

Tot 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#

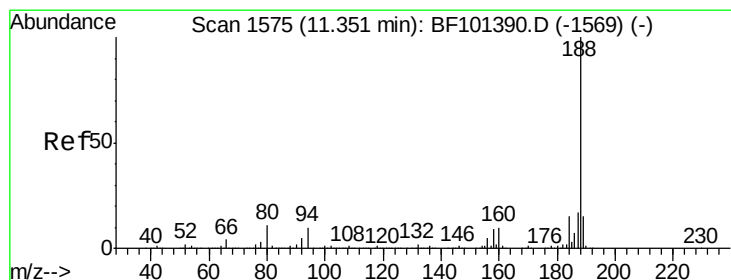
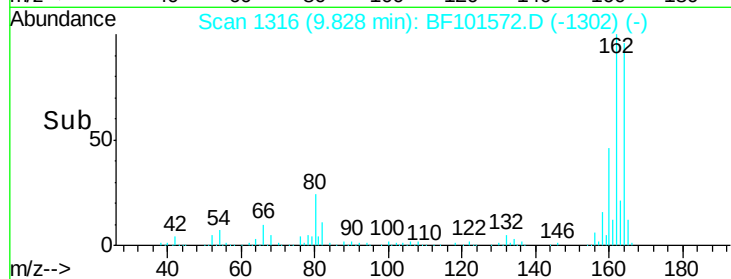
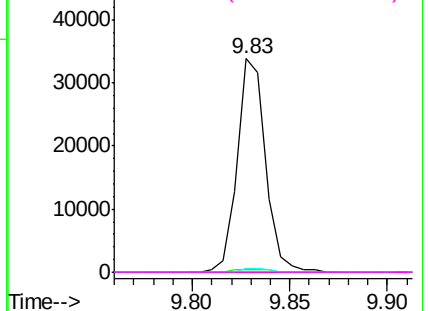


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

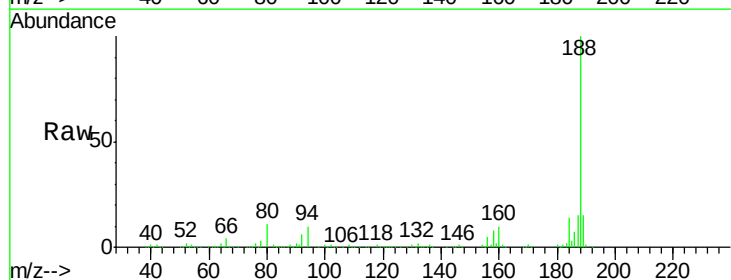
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101572.D
 Acq: 20 Dec 2017 17:18

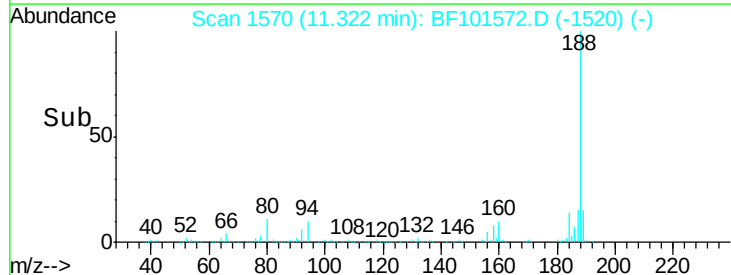
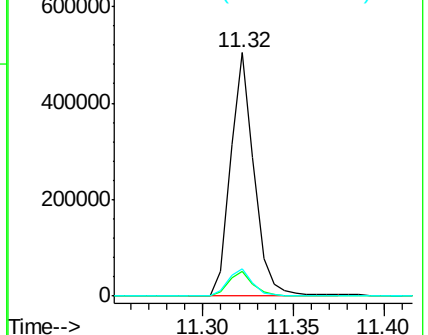
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8

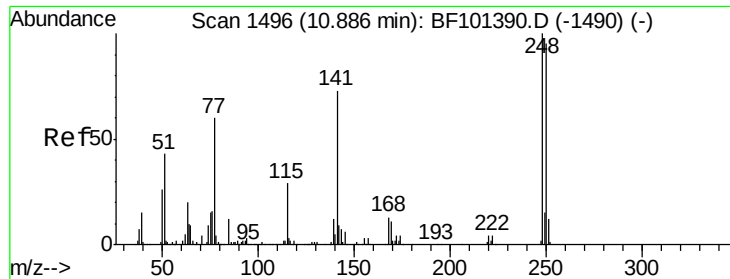


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

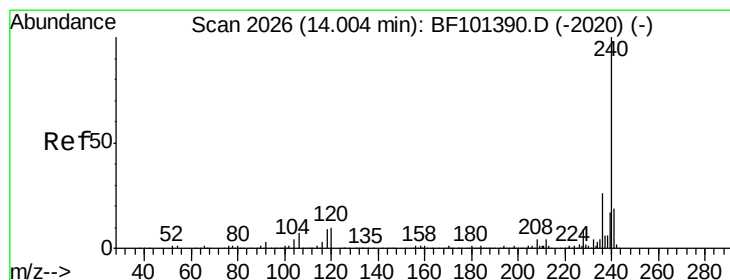
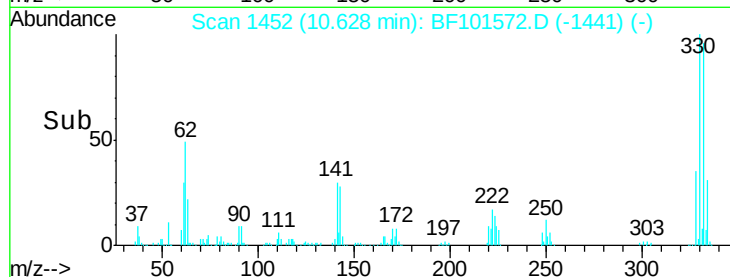
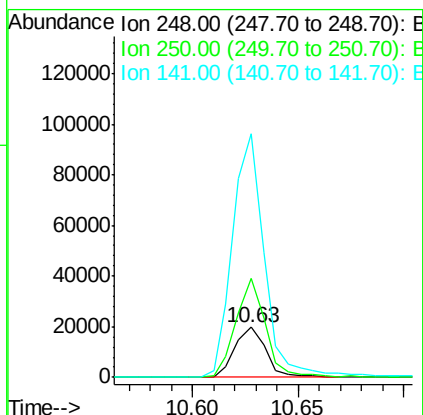
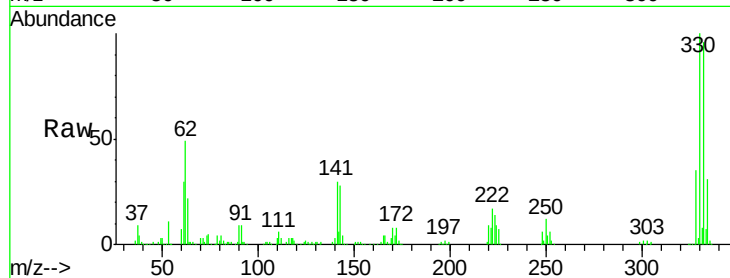




#66
4-Bromophenyl-phenylether
Concen: 3.881 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101572.D
Acq: 20 Dec 2017 17:18

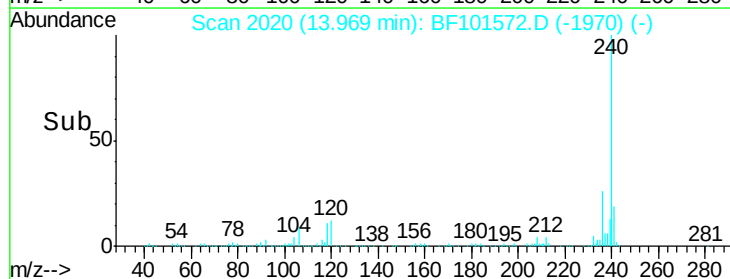
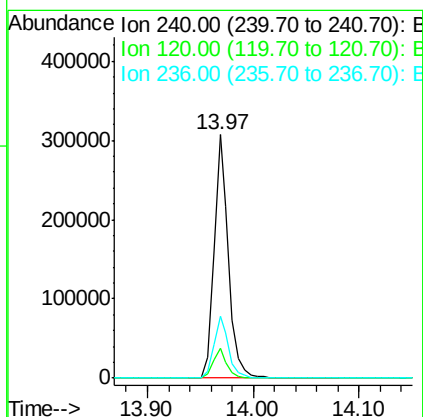
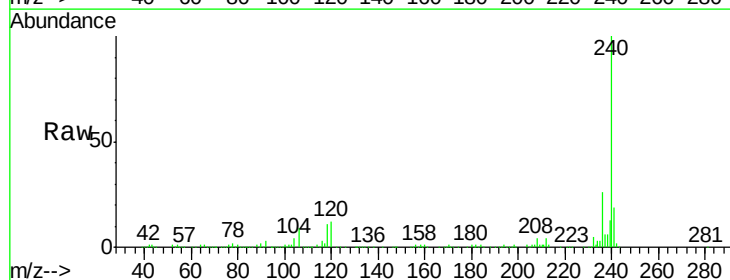
Instrument :
BNA_F
ClientSampleId :
NB-01-121817-B

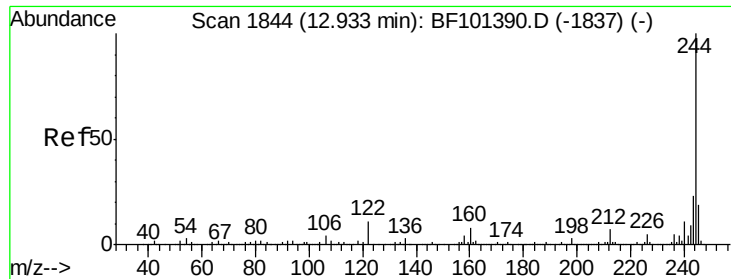
Tot Ion:248 Resp: 19919
Ion Ratio Lower Upper
248 100
250 197.5 76.9 115.3#
141 488.1 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101572.D
Acq: 20 Dec 2017 17:18

Tgt Ion:240 Resp: 295848
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 96.666 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-B

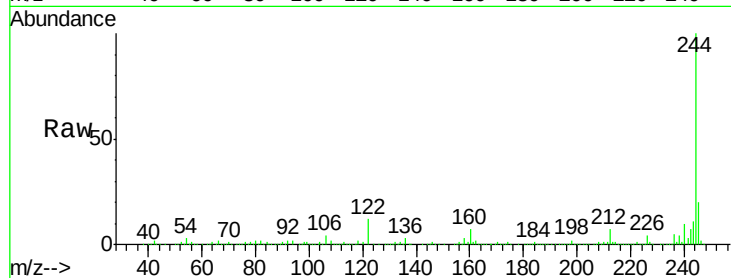
Tot Ion:244 Resp: 1186277

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

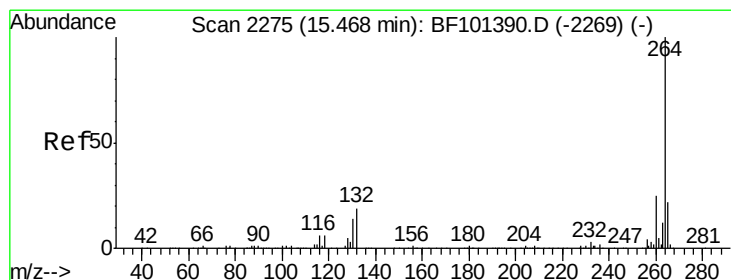
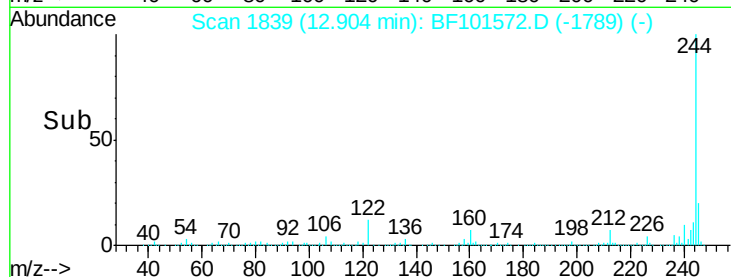
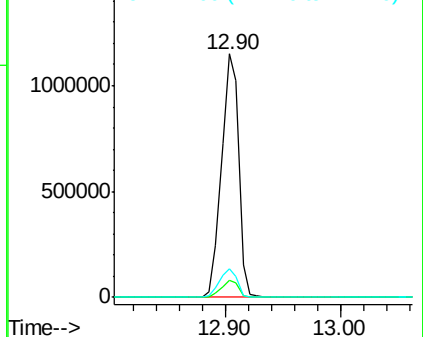
122 11.9 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101572.D

Acq: 20 Dec 2017 17:18

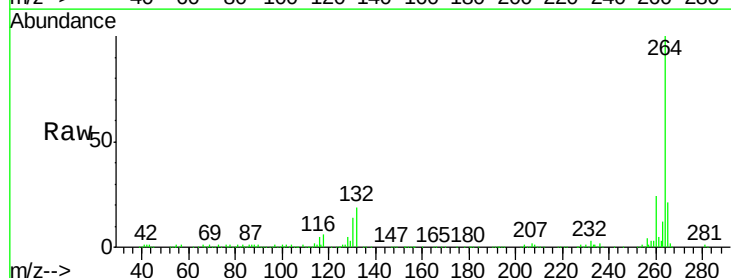
Tgt Ion:264 Resp: 321848

Ion Ratio Lower Upper

264 100

260 23.7 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

