

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101754.D
 Acq On : 27 Dec 2017 10:29
 Operator : SJ/JU
 Sample : I6686-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 11:17:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

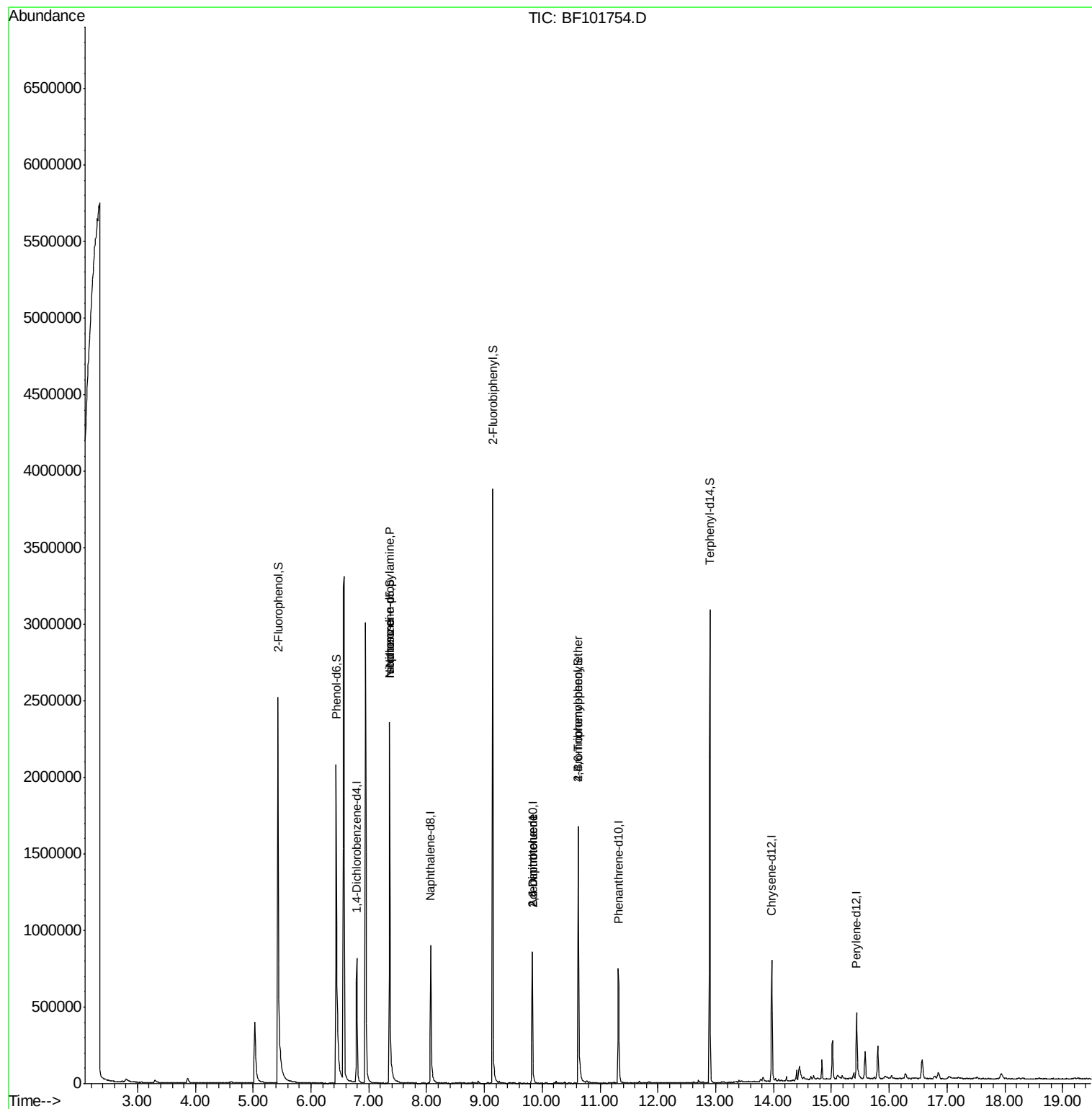
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139277	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	513326	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	196342	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	313221	20.00	ng	0.00
75) Chrysene-d12	13.97	240	301667	20.00	ng	0.00
86) Perylene-d12	15.44	264	249432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1063572	113.75	ng	0.02
7) Phenol-d6	6.44	99	1133841	97.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	899729	97.57	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	255138	134.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1357788	107.27	ng	0.00
78) Terphenyl-d14	12.90	244	1120142	89.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	117563	15.384	ng	# 80
25) Isophorone	7.36	82	899729	48.636	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	24209	7.542	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	24209	6.694	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	16222	4.609	ng	# 1

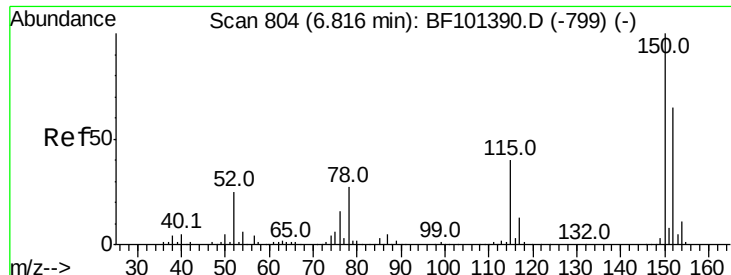
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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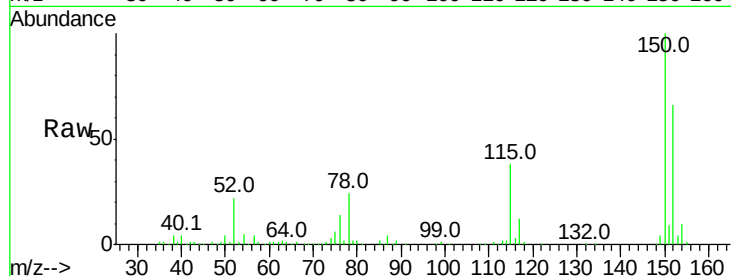


#1

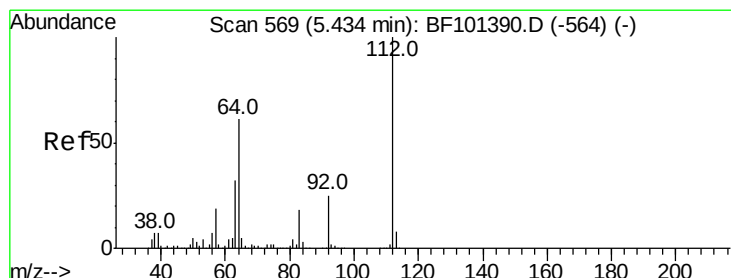
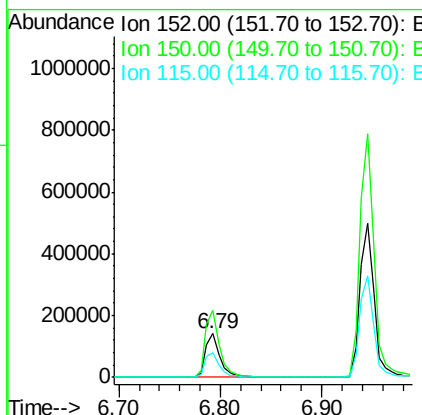
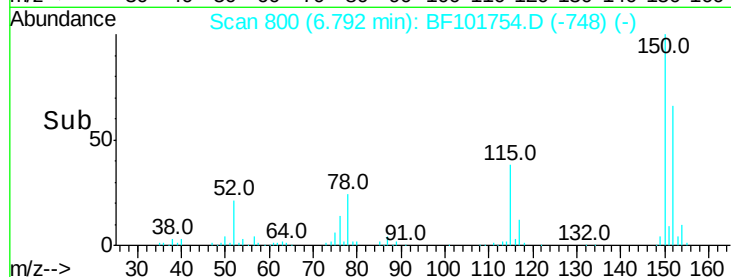
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	57.7	50.1	75.1



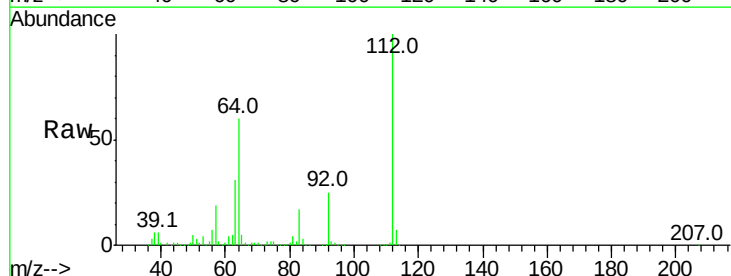
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



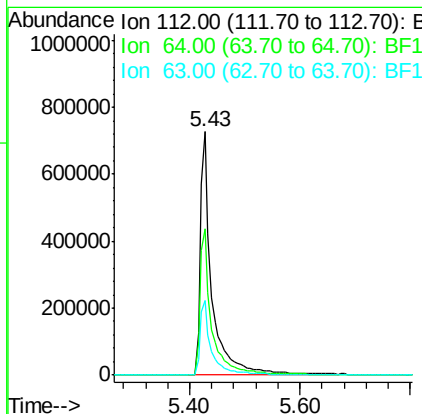
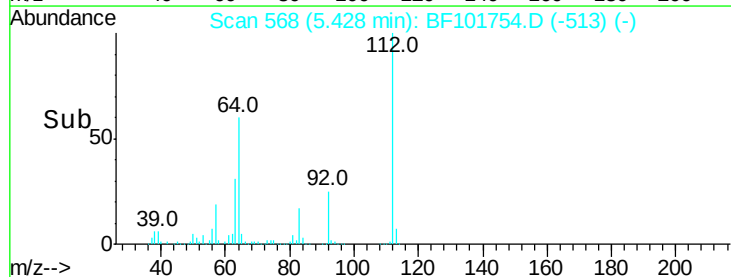
#5

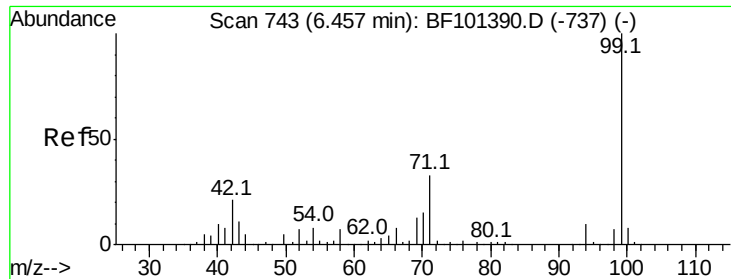
2-Fluorophenol
Concen: 113.750 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.7	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: 97.438 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Instrument :

BNA_F

ClientSampled :

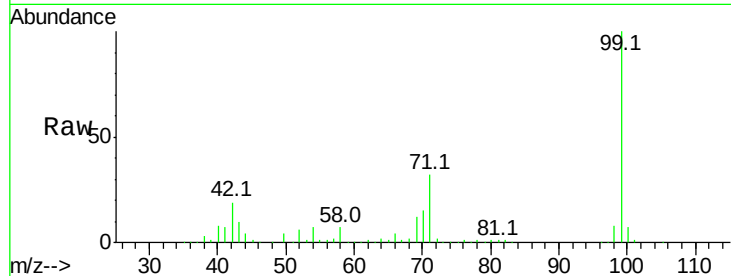
Tot Ion: 99 Resp: 1133841

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

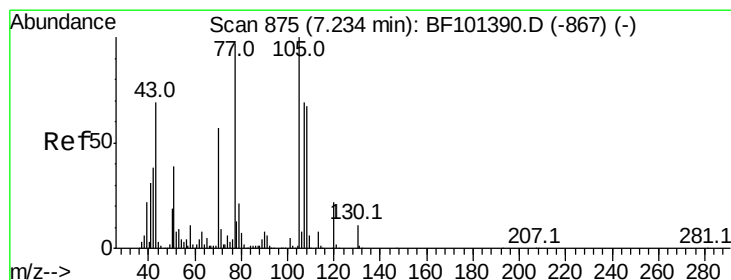
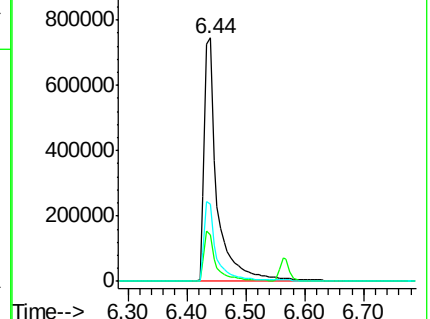
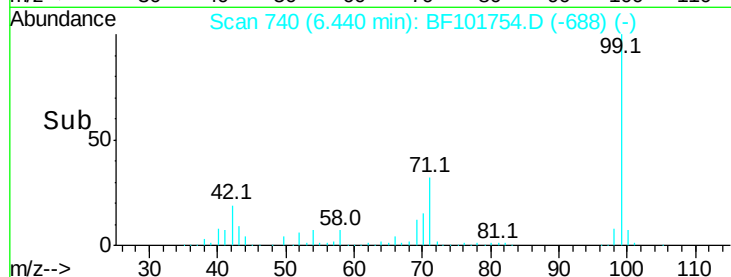
71 31.8 25.4 38.0



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: 15.384 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Tgt Ion: 70 Resp: 117563

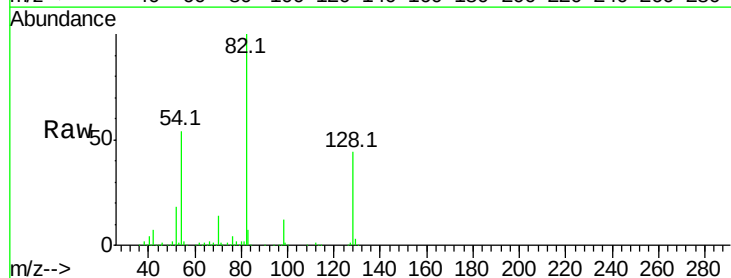
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

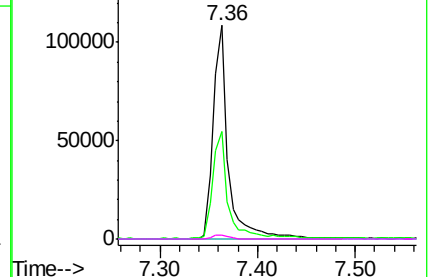
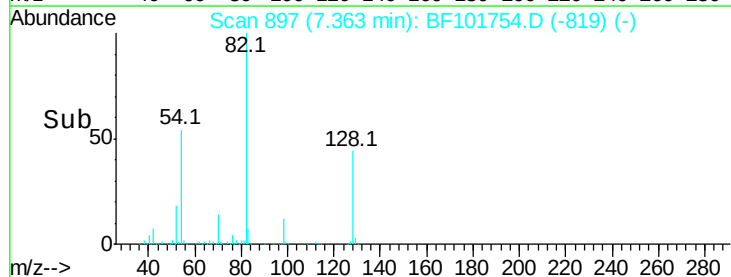


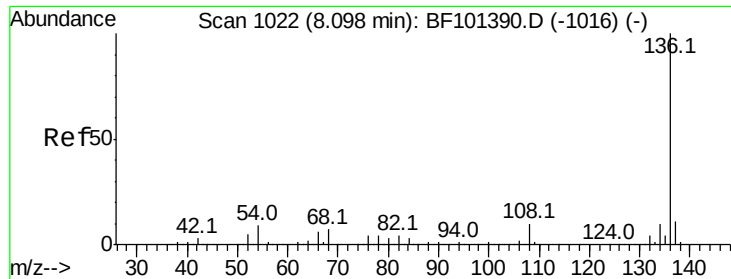
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

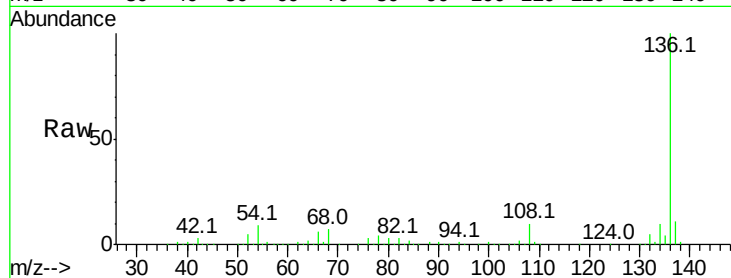




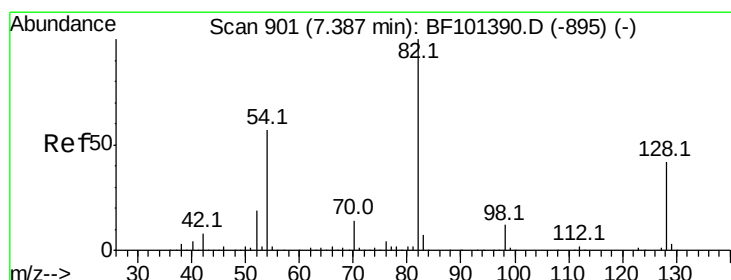
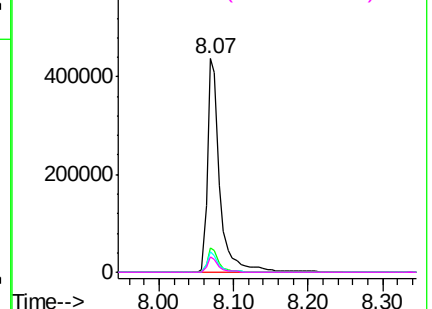
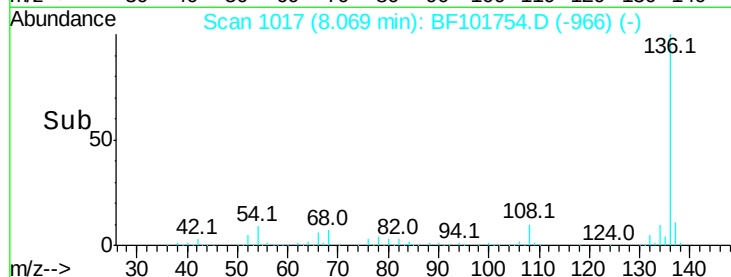
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	513326
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.4	6.6	9.8
68	7.1	5.0	7.4

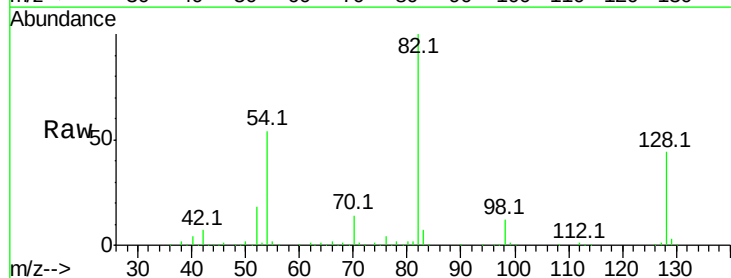


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

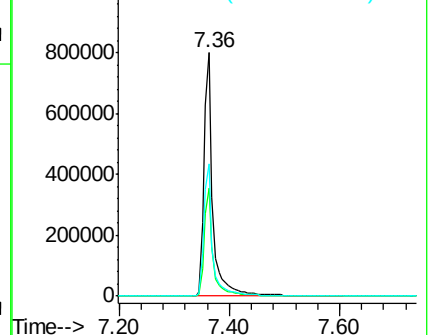
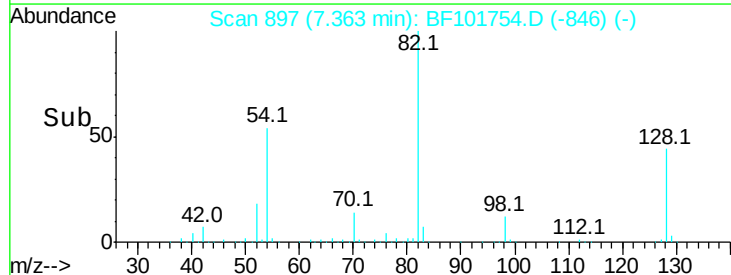


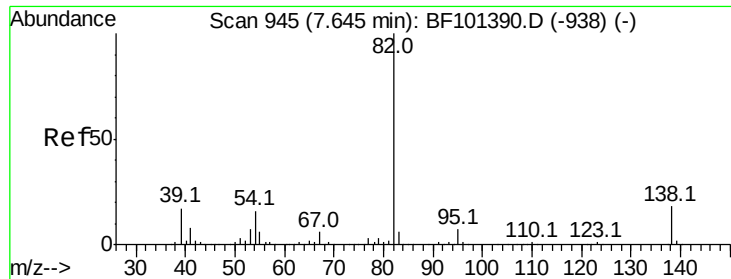
#23
Nitrobenzene-d5
Concen: 97.568 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

Tgt Ion:	82	Resp:	899729
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.4	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: 48.636 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Instrument :
BNA_F
ClientSampleId :

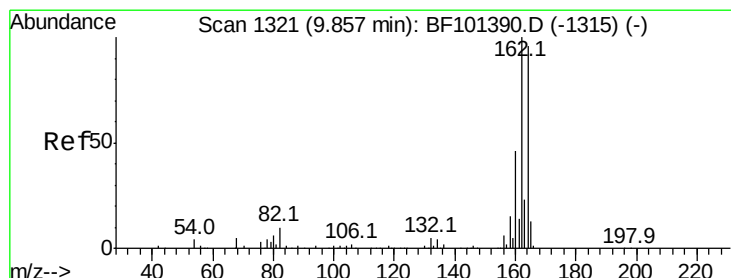
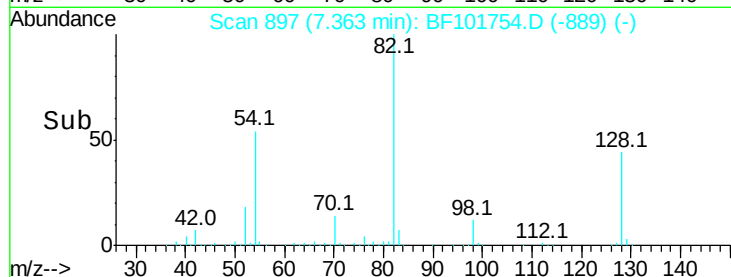
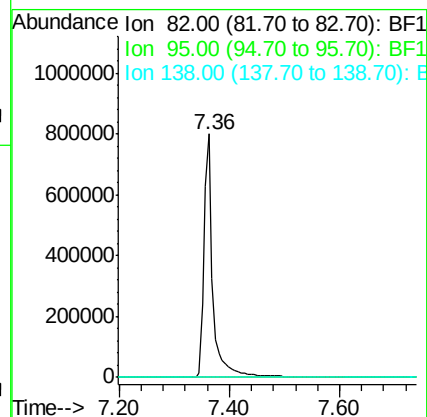
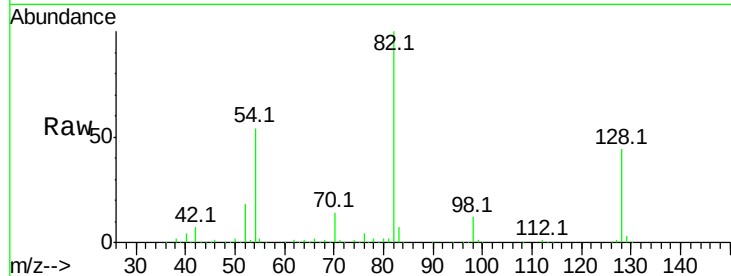
Tot Ion: 82 Resp: 899729

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# 1316

Delta R.T. -0.00 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

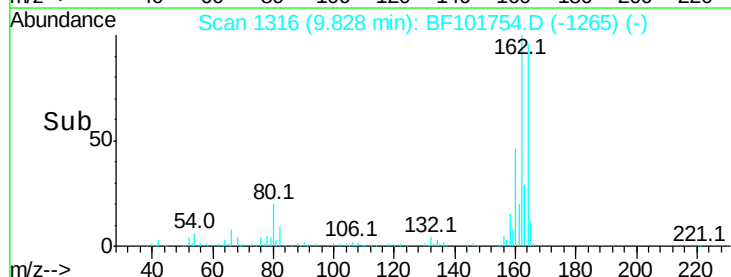
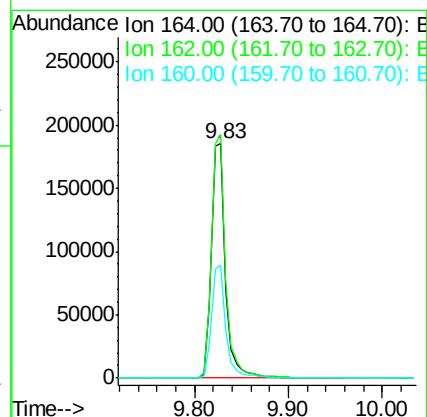
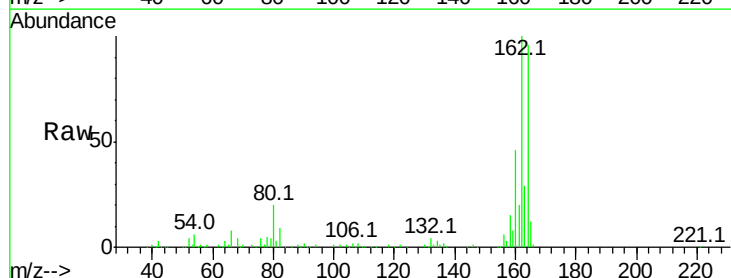
Tgt Ion:164 Resp: 196342

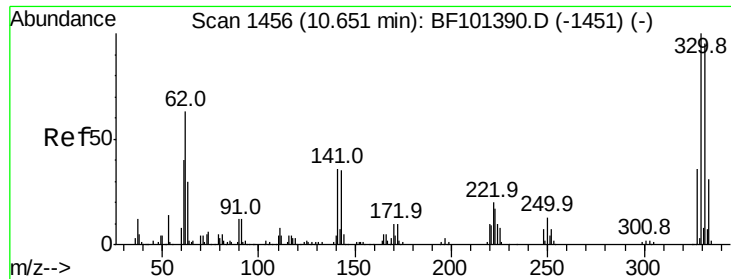
Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

160 48.0 38.3 57.5

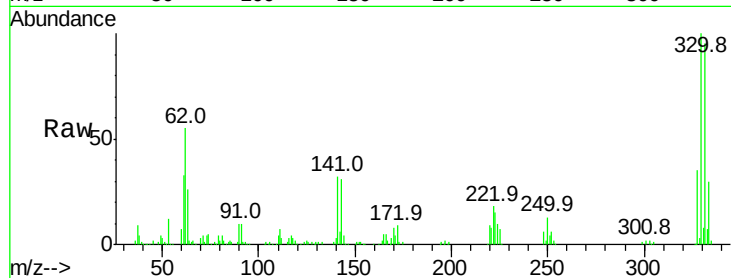




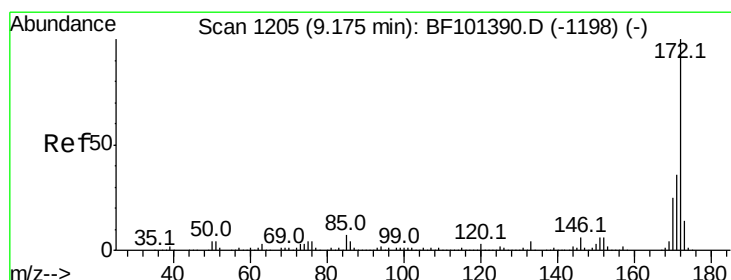
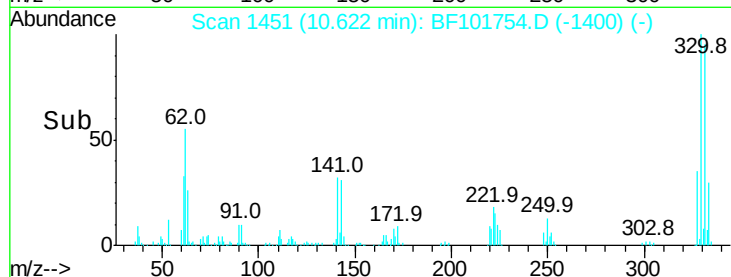
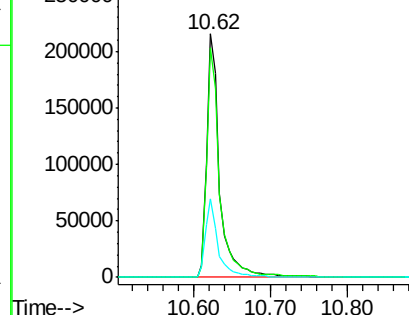
#41
 2,4,6-Tribromophenol
 Concen: 134.857 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 255138
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.4 29.9 44.9

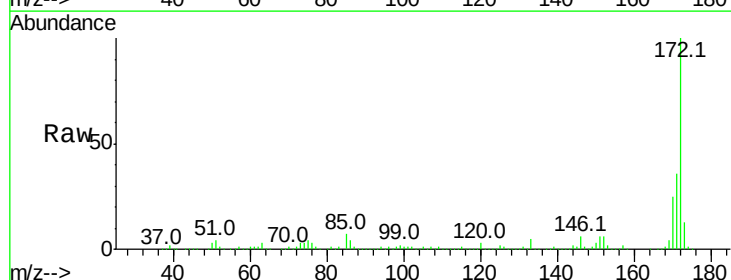


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

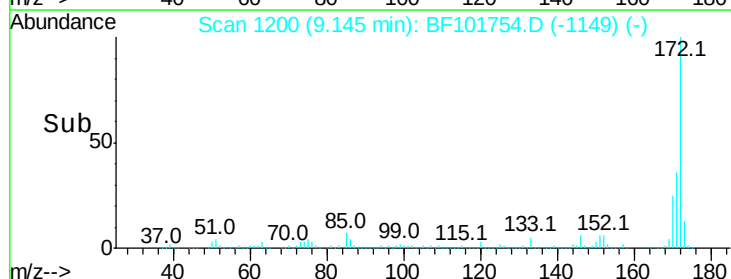
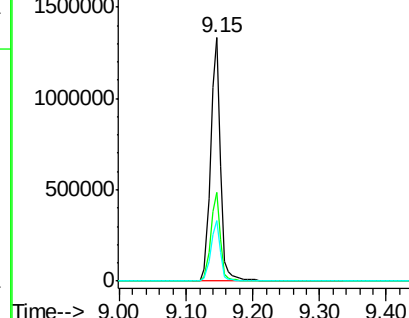


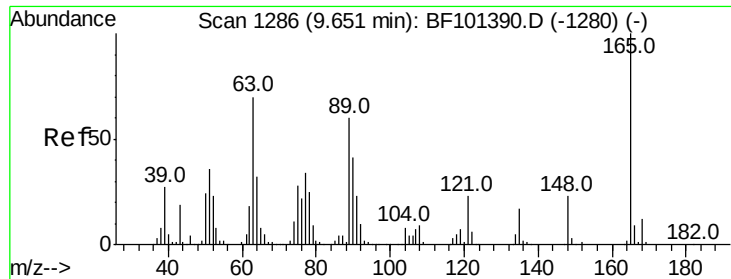
#44
 2-Fluorobiphenyl
 Concen: 107.275 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Tgt Ion:172 Resp: 1357788
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 25.0 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

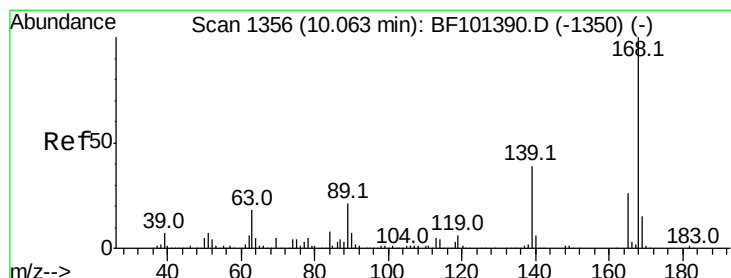
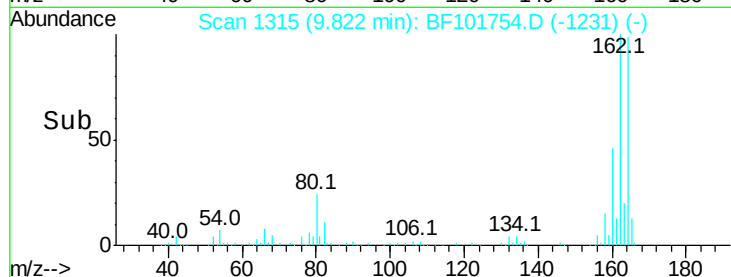
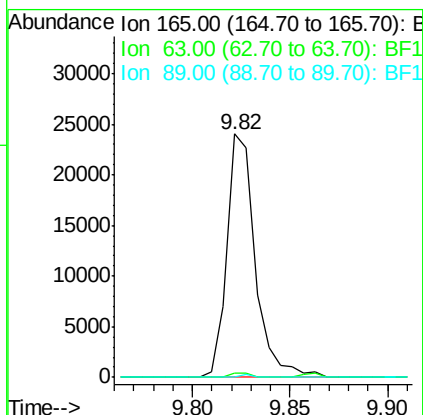
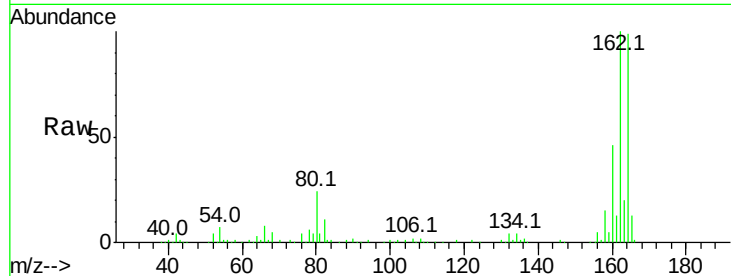




#50
2,6-Dinitrotoluene
Concen: 7.542 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

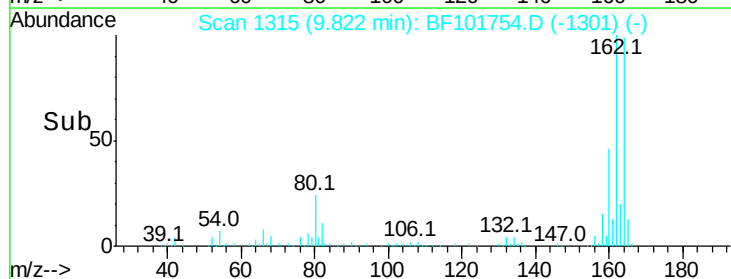
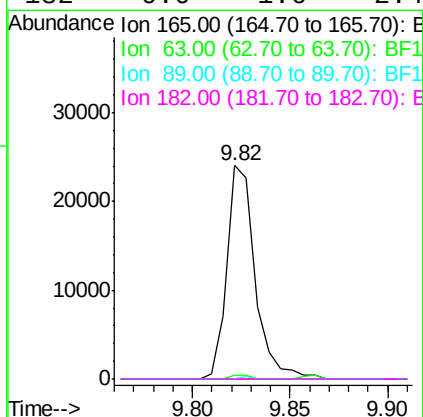
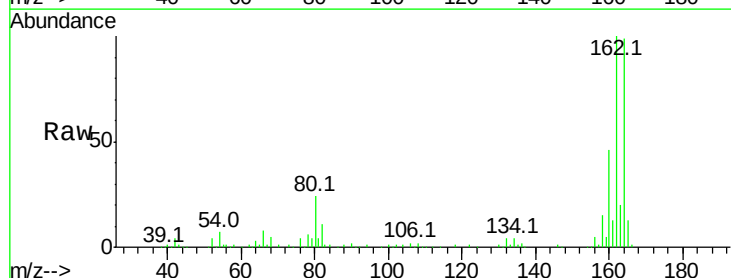
Instrument :
BNA_F
ClientSampleId :

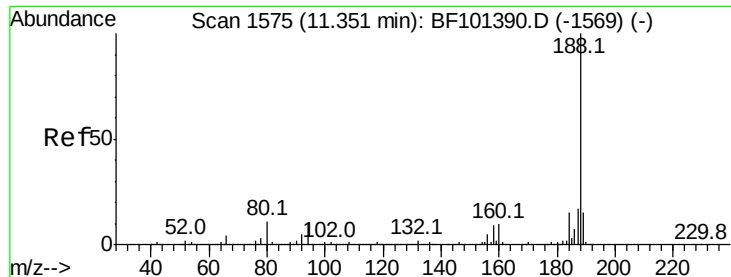
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.694 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101754.D
Acq: 27 Dec 2017 10:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Instrument :

BNA_F

ClientSampleId :

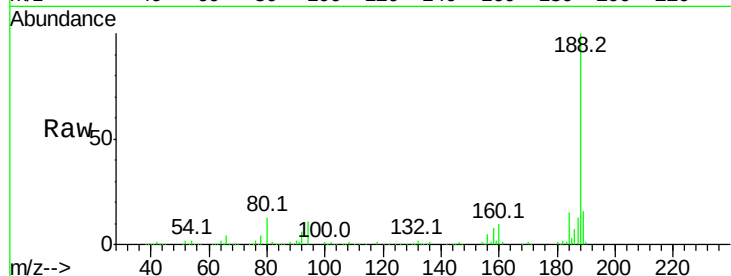
Tot Ion:188 Resp: 313221

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 12.7 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

11.32

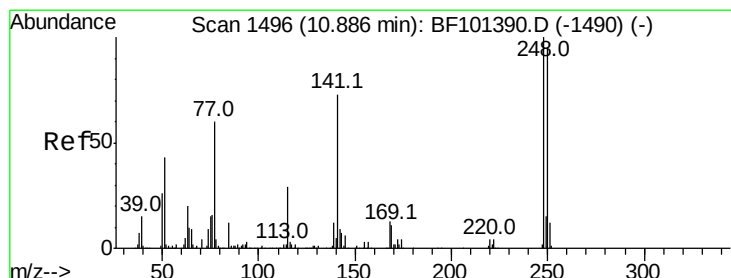
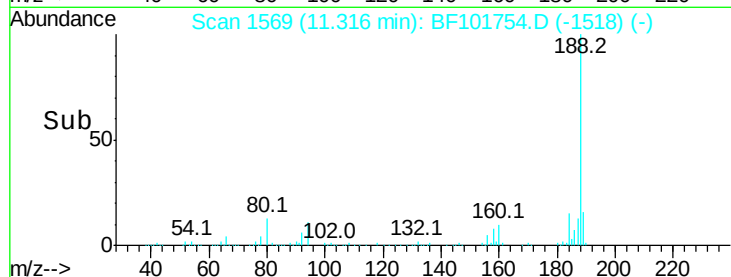
300000

200000

100000

0

Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.609 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.23 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

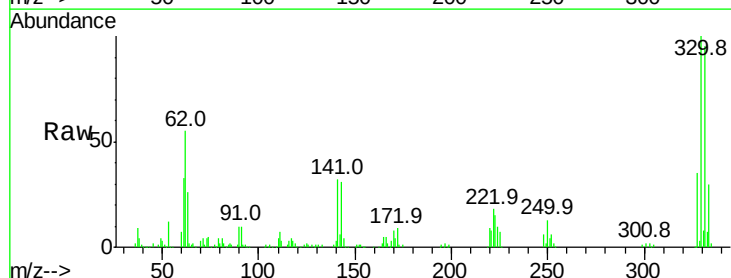
Tgt Ion:248 Resp: 16222

Ion Ratio Lower Upper

248 100

250 204.9 76.9 115.3#

141 507.3 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

10.62

80000

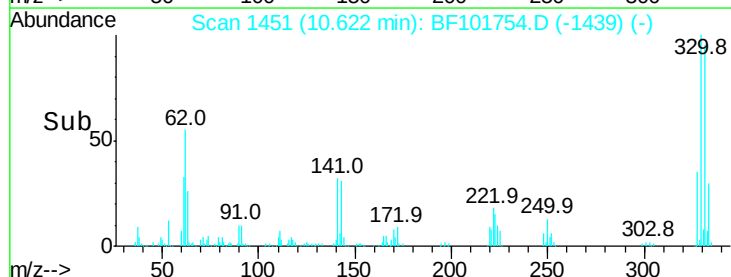
60000

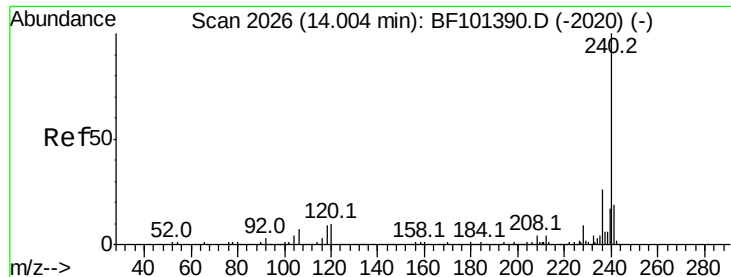
40000

20000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

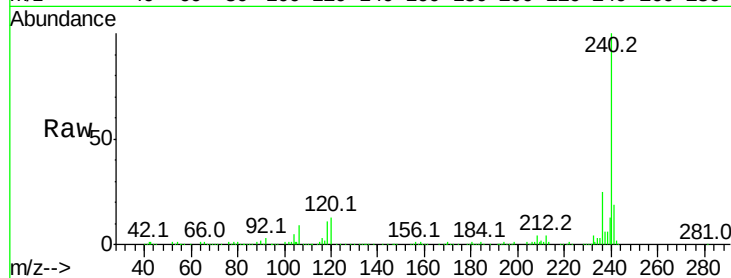
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 301667

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.2	20.7	31.1

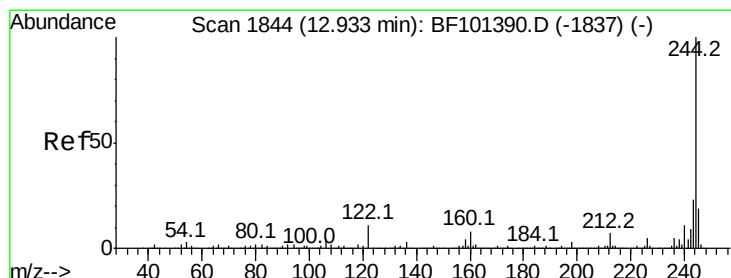
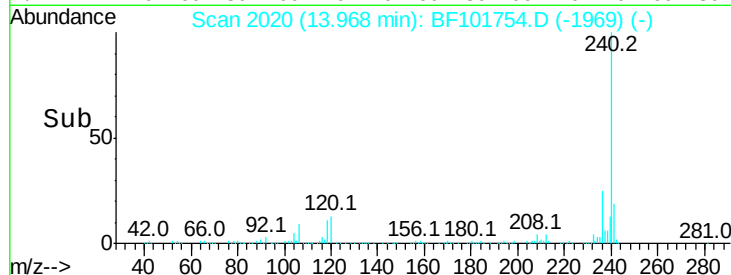
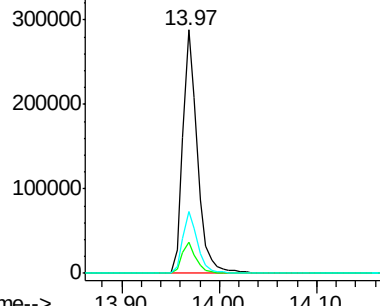


Abundance

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: 89.516 ng

RT: 12.90 min Scan# 1838

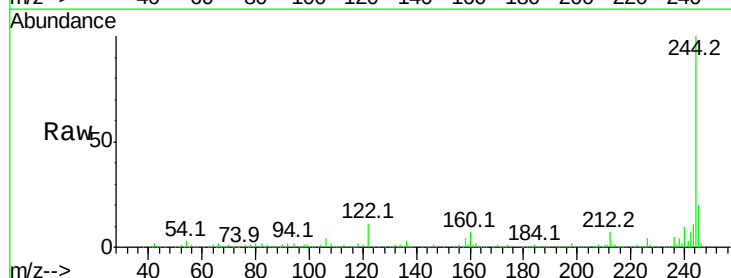
Delta R.T. -0.00 min

Lab File: BF101754.D

Acq: 27 Dec 2017 10:29

Tgt Ion:244 Resp: 1120142

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.4	11.0	16.4

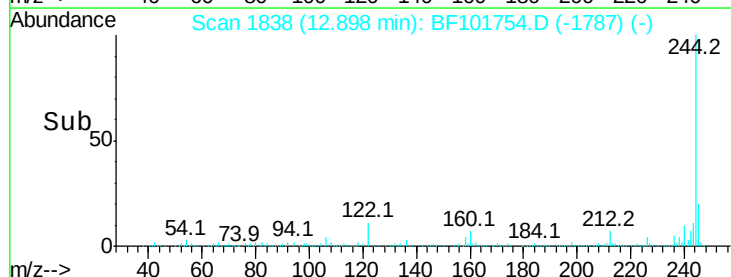
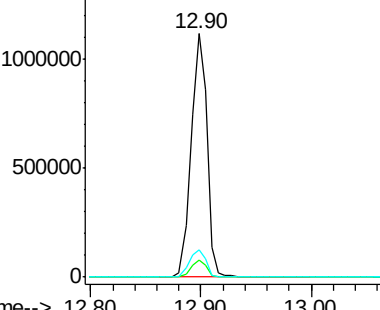


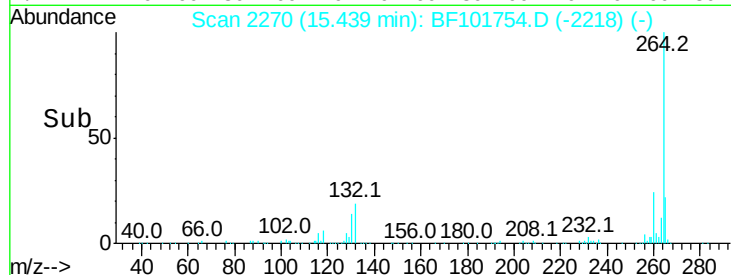
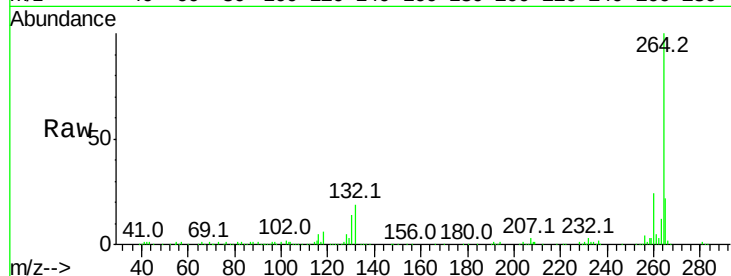
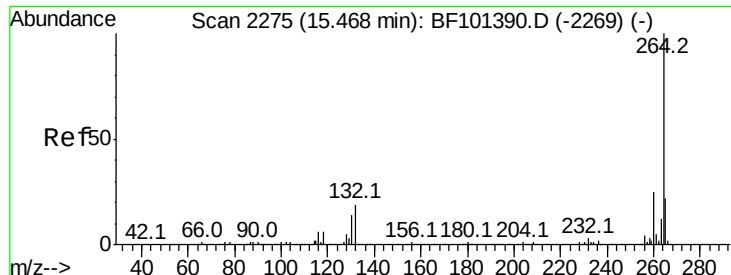
Abundance

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: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101754.D
 Acq: 27 Dec 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	249432
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

