

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101752.D
 Acq On : 27 Dec 2017 9:36
 Operator : SJ/JU
 Sample : I7010-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 10:23:24 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

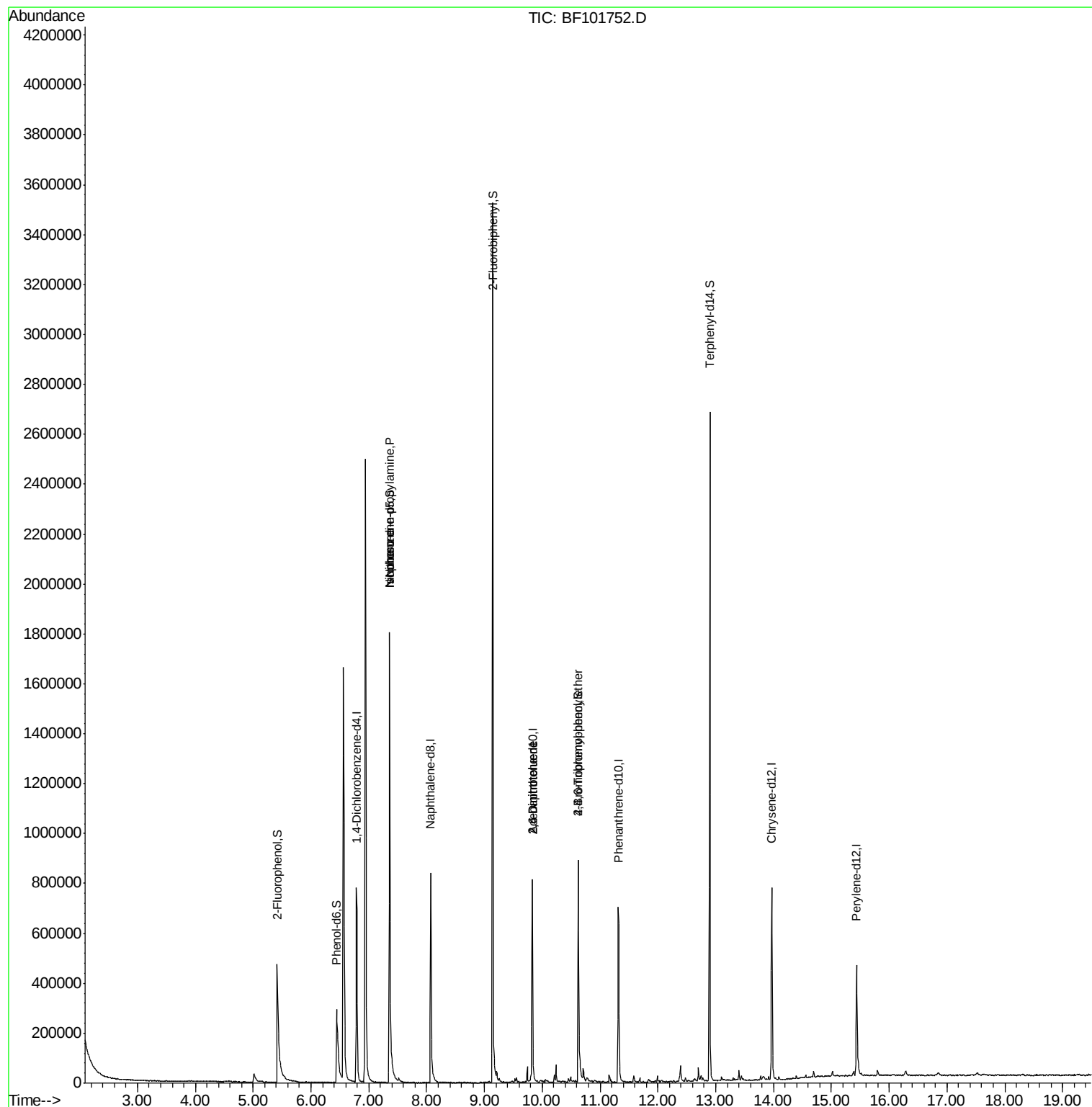
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136072	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510177	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	188726	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	304292	20.00	ng	0.00
75) Chrysene-d12	13.97	240	302311	20.00	ng	0.00
86) Perylene-d12	15.44	264	255253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	315515	34.54	ng	0.01
7) Phenol-d6	6.45	99	228472	20.10	ng	0.01
23) Nitrobenzene-d5	7.36	82	781815	85.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	142620	78.43	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1212716	99.68	ng	0.00
78) Terphenyl-d14	12.90	244	901377	71.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	103498	13.862	ng	# 81
25) Isophorone	7.36	82	781815	42.523	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	22631	7.335	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	22631	6.510	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8640	2.527	ng	# 1

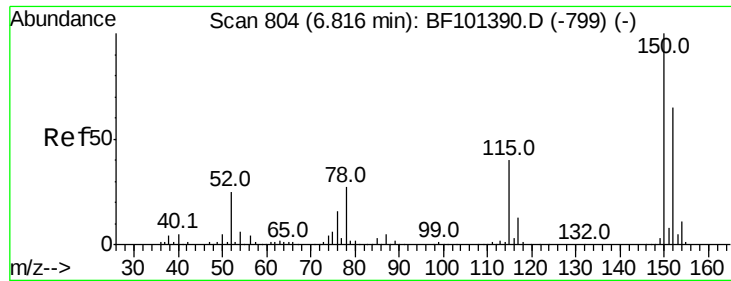
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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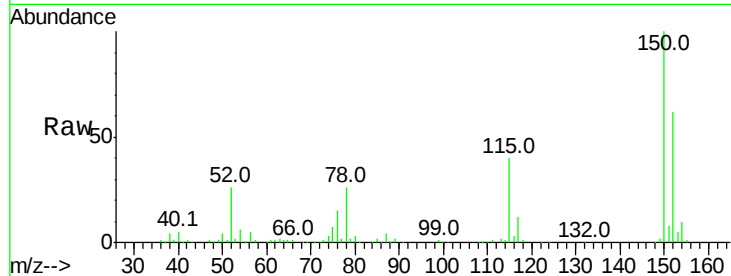


#1

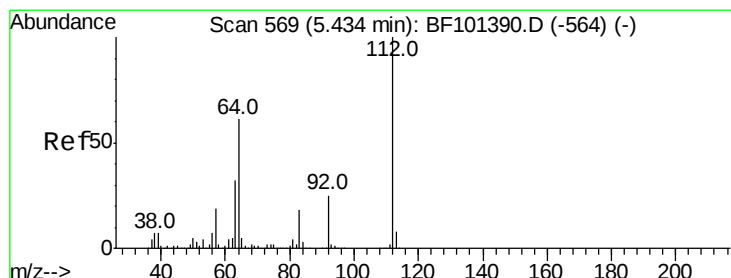
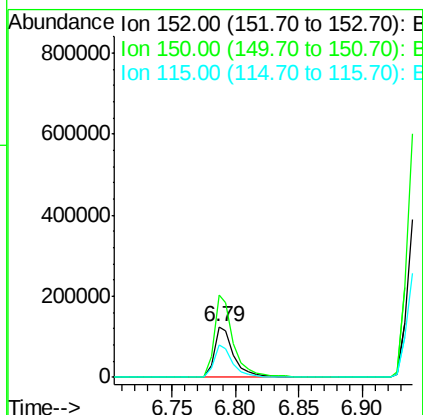
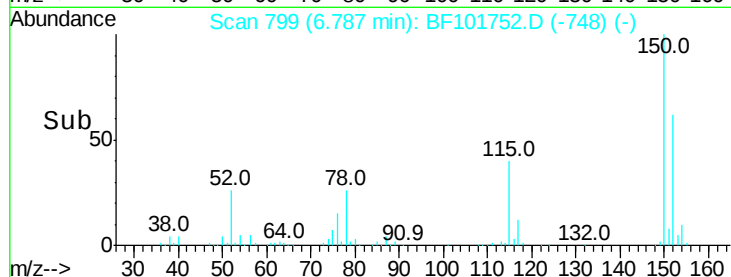
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136072
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 63.7 50.1 75.1



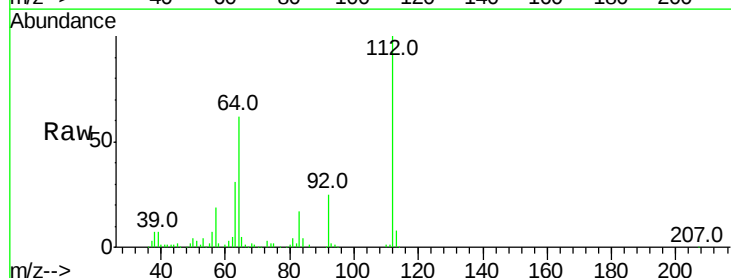
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



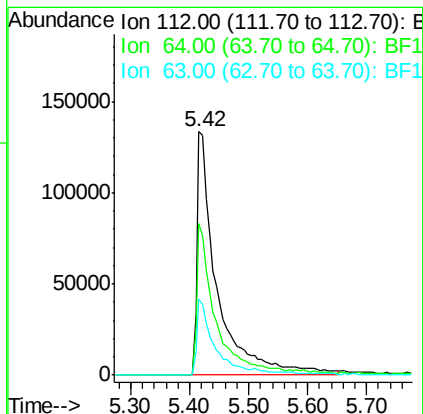
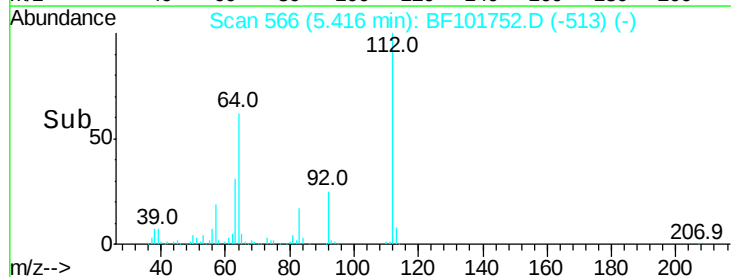
#5

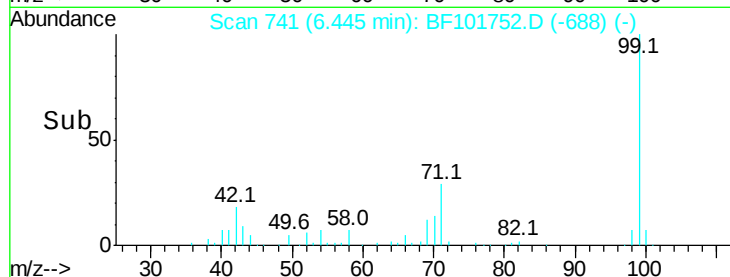
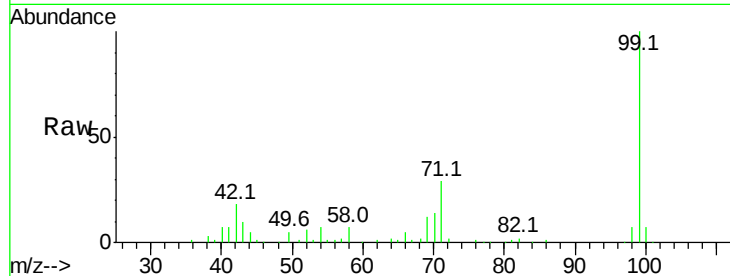
2-Fluorophenol
Concen: 34.539 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Tgt Ion:112 Resp: 315515
Ion Ratio Lower Upper
112 100
64 62.4 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: 20.096 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Instrument :

BNA_F

ClientSampled :

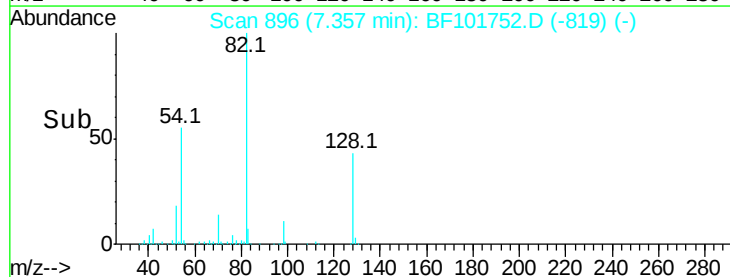
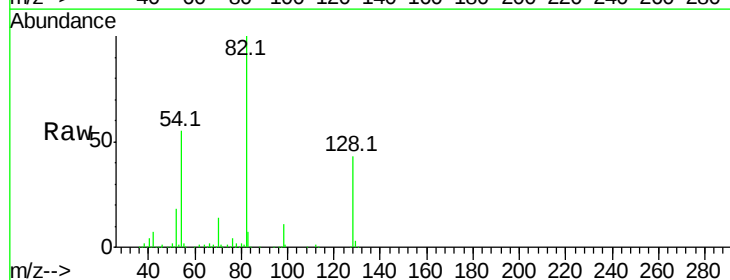
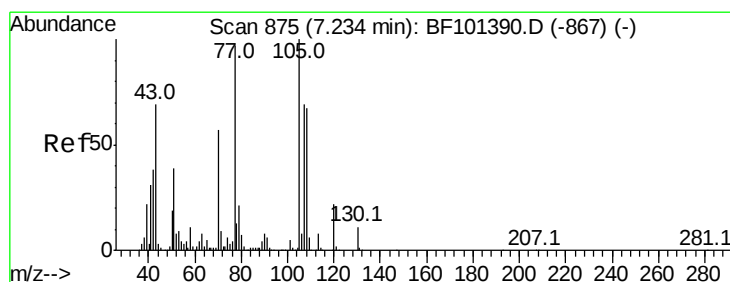
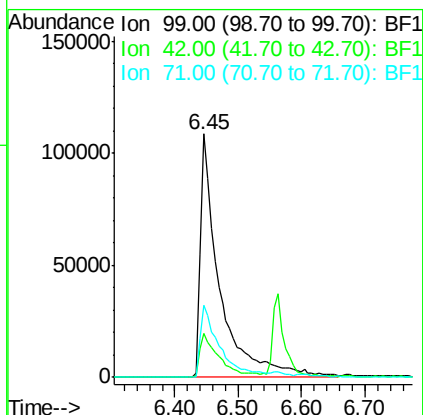
Tot Ion: 99 Resp: 228472

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 29.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.862 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Tgt Ion: 70 Resp: 103498

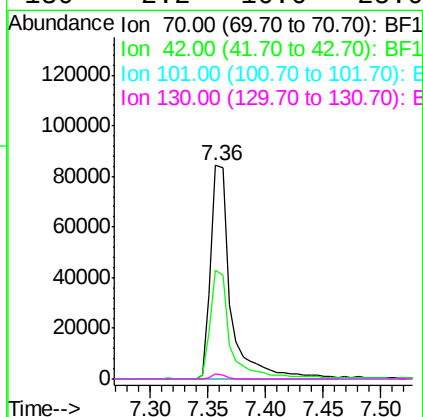
Ion Ratio Lower Upper

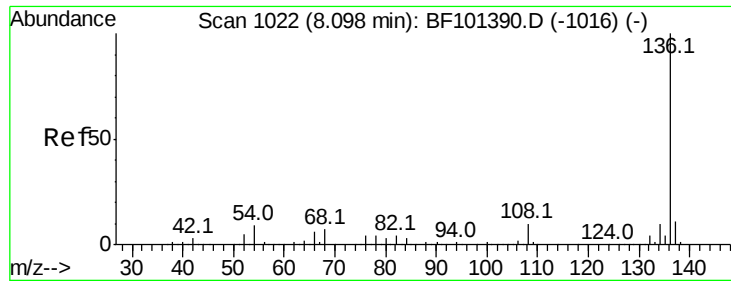
70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

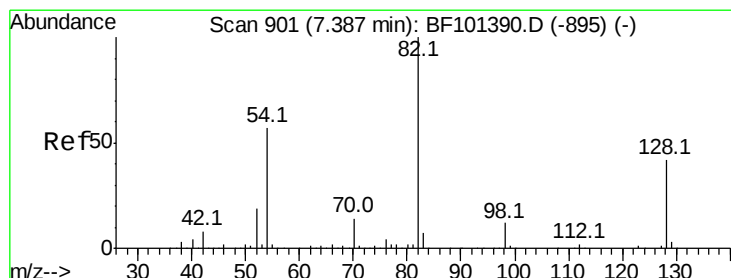
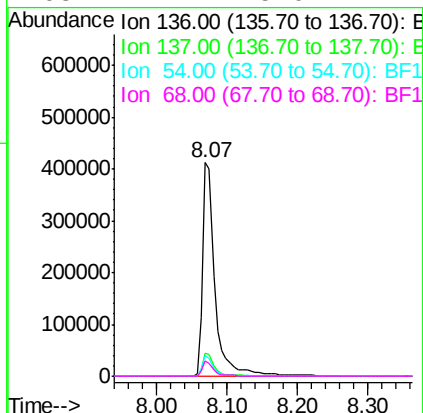
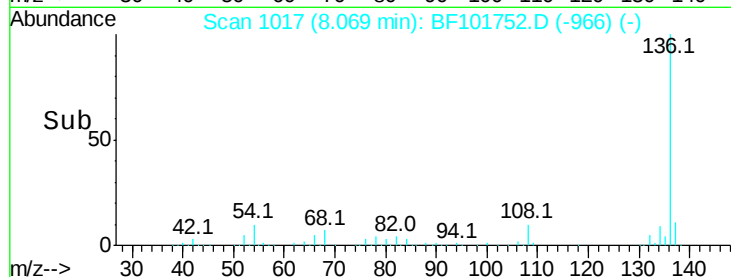
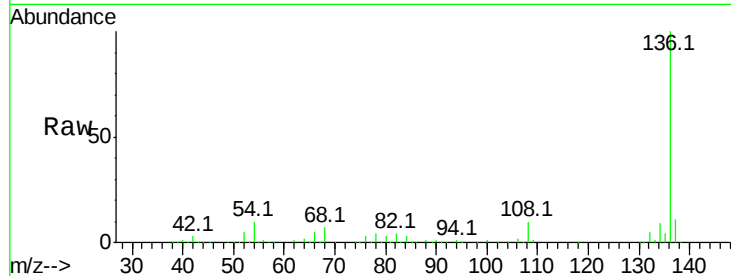




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

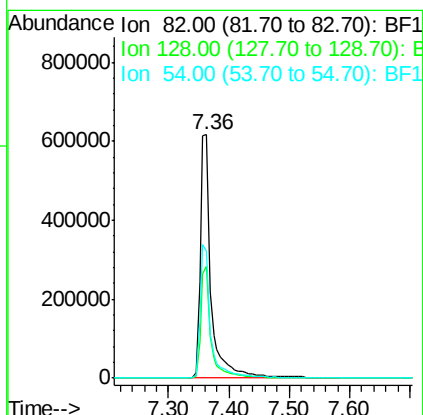
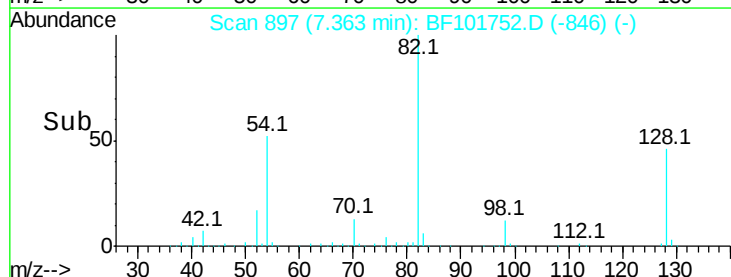
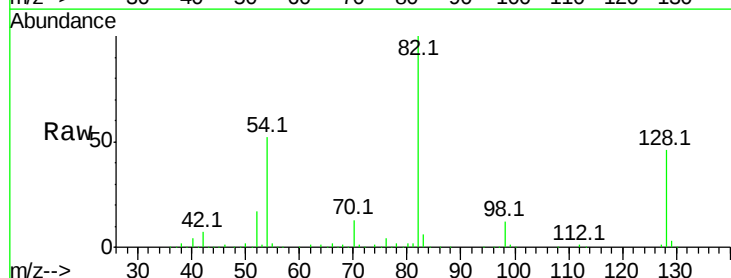
Instrument :
BNA_F
ClientSampleId :

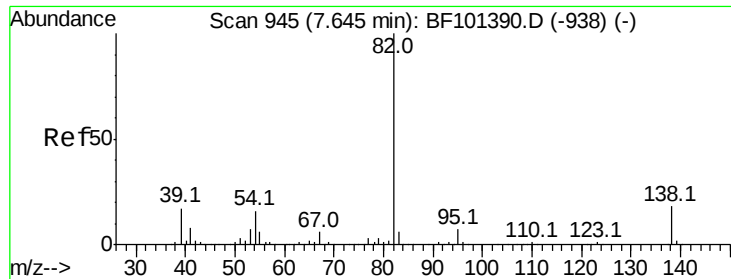
Tot Ion:	136	Resp:	510177
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	7.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.304 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Tgt Ion:	82	Resp:	781815
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	52.3	41.4	62.2





#25

Isophorone

Concen: 42.523 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Instrument :

BNA_F

ClientSampled :

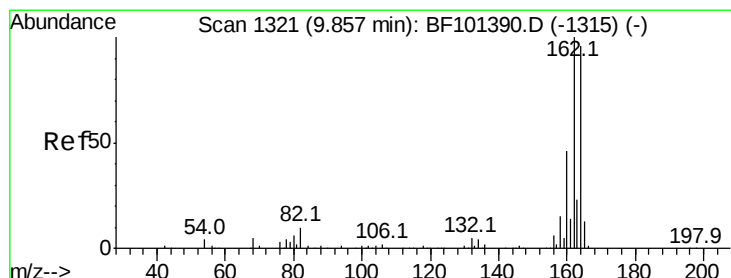
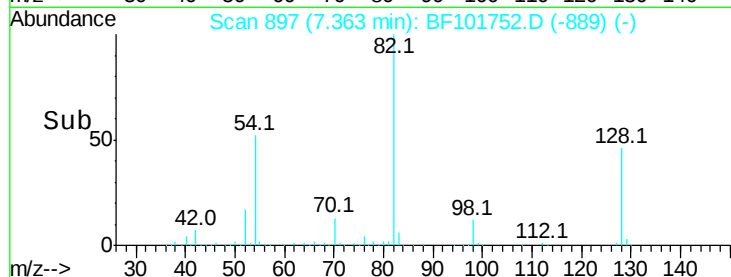
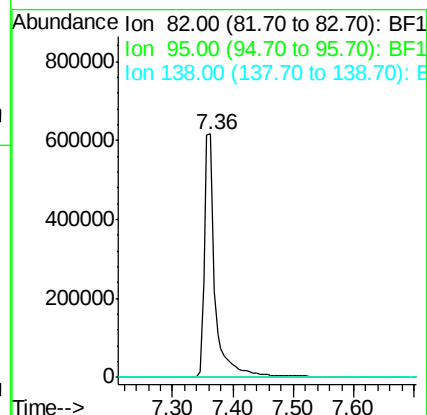
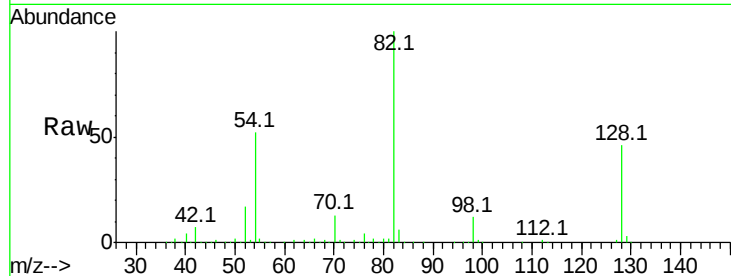
Tot Ion: 82 Resp: 781815

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

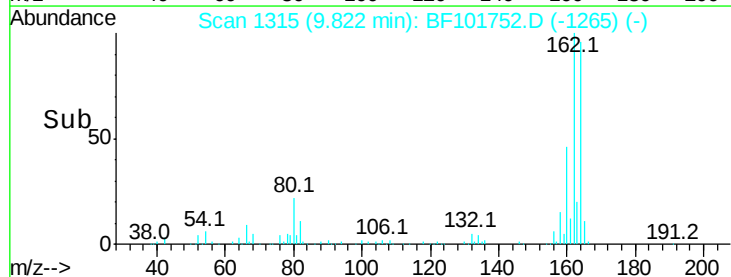
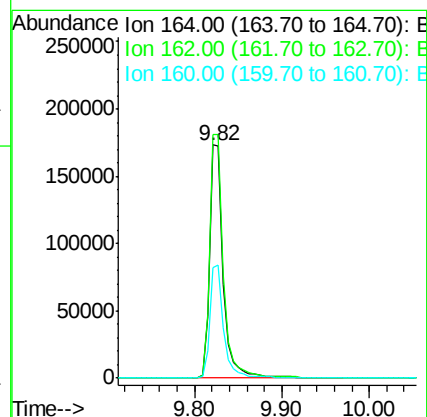
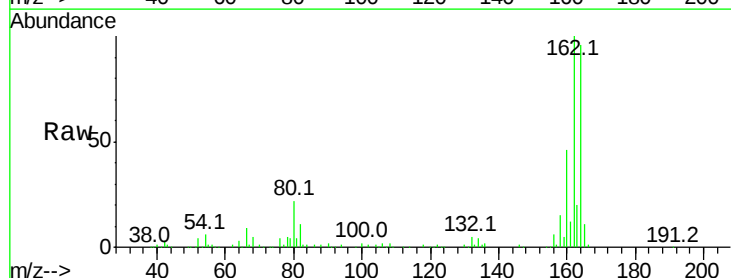
Tgt Ion: 164 Resp: 188726

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

160 47.4 38.3 57.5

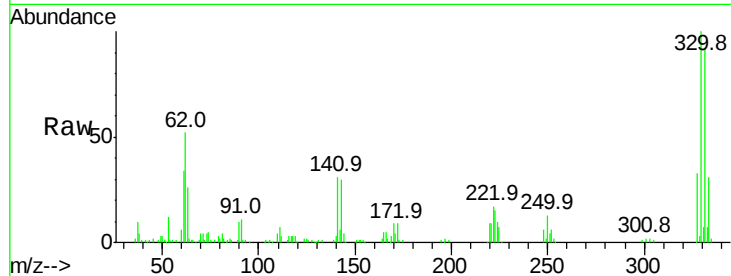




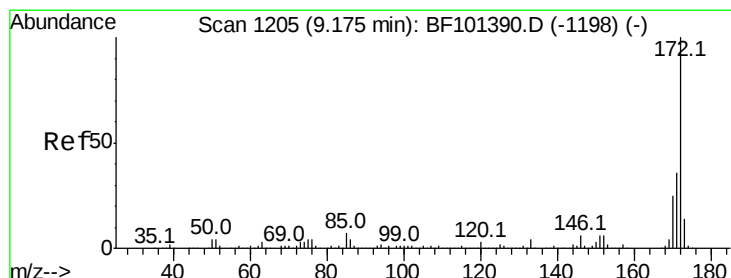
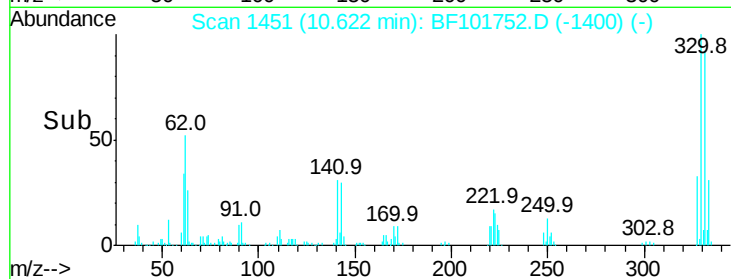
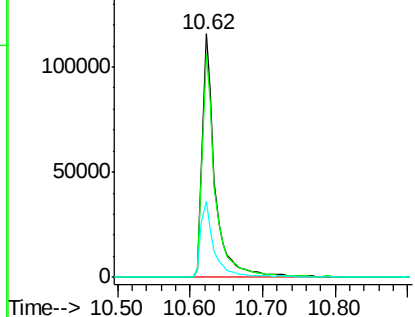
#41
 2,4,6-Tribromophenol
 Concen: 78.426 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 142620
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.5 29.9 44.9

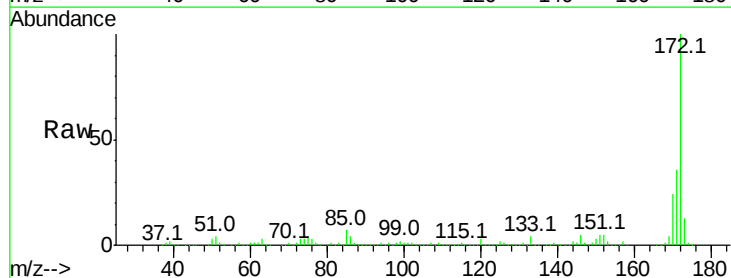


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

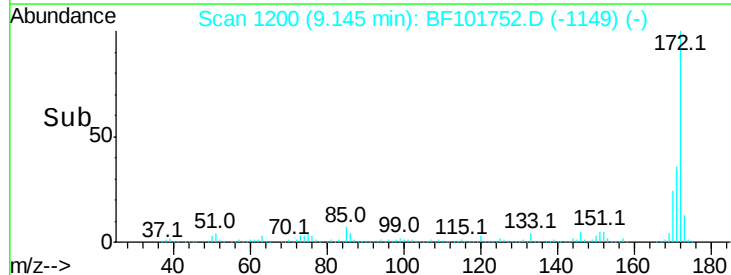
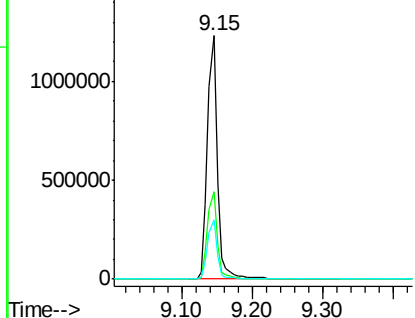


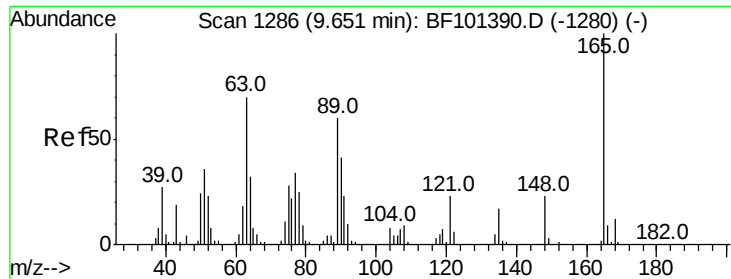
#44
 2-Fluorobiphenyl
 Concen: 99.680 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

Tgt Ion:172 Resp: 1212716
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.3 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

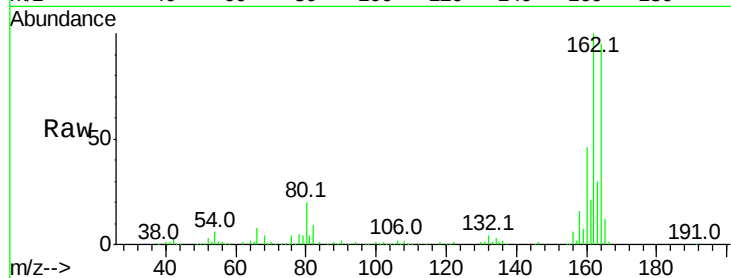




#50
2,6-Dinitrotoluene
Concen: 7.335 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Instrument :
BNA_F
ClientSampled :

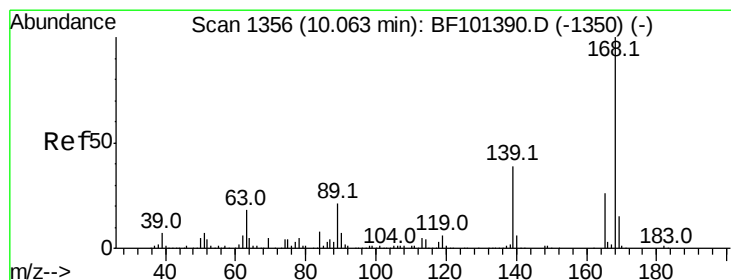
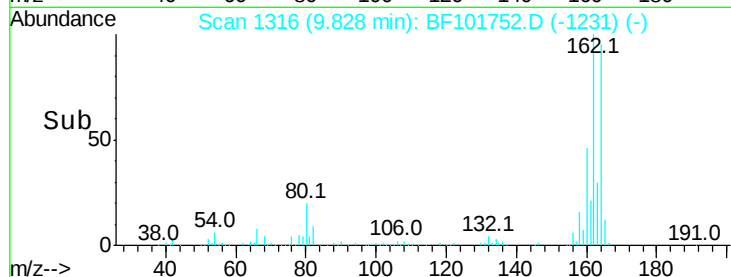
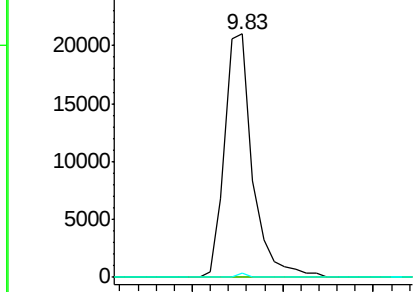
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



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: 6.510 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

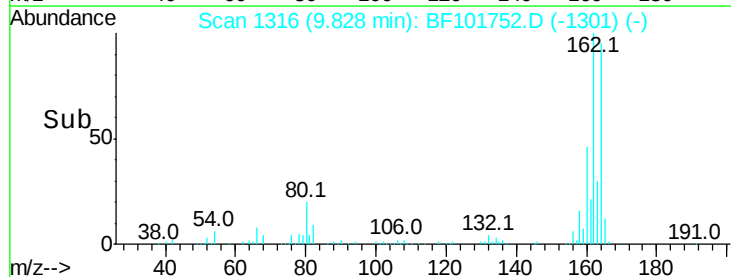
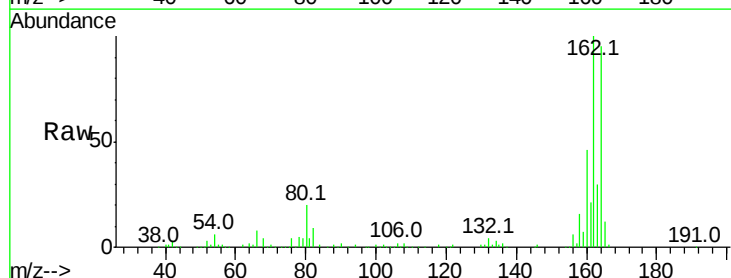
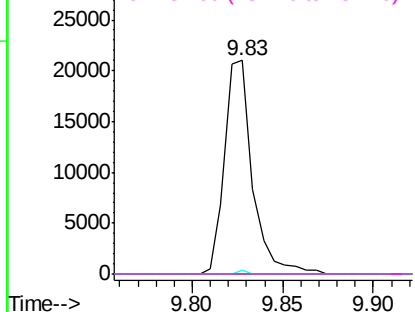
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

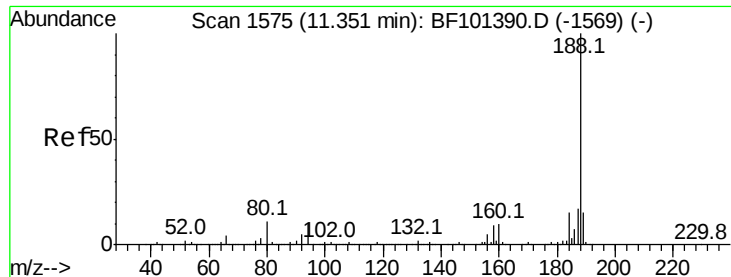
Abundance Ion 165.00 (164.70 to 165.70): E

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

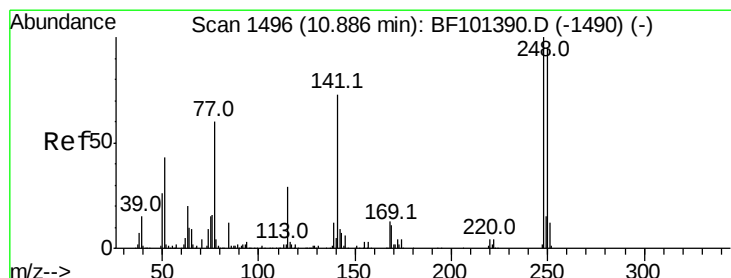
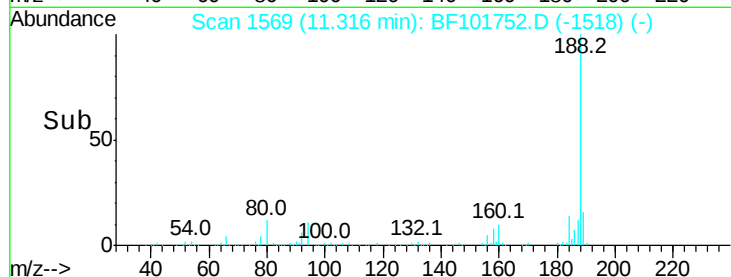
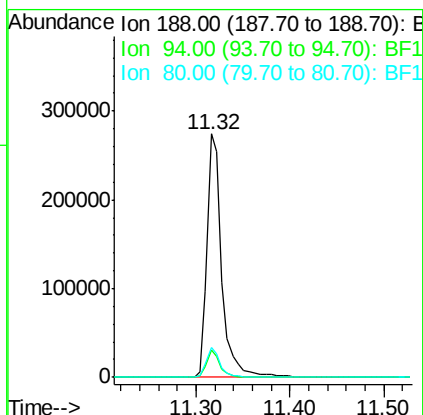
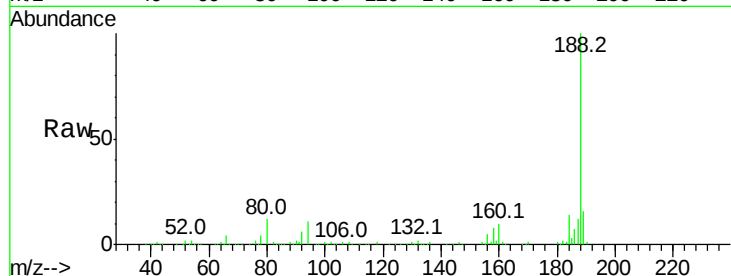




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

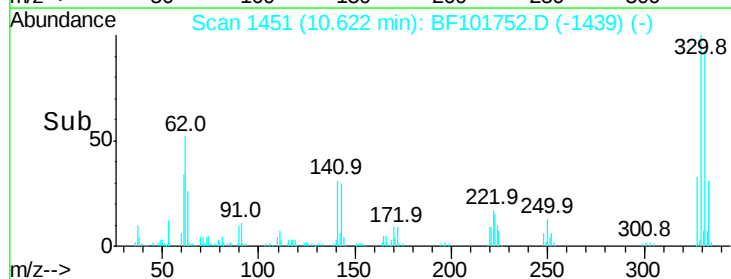
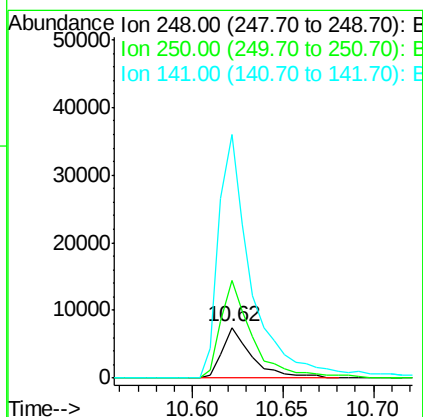
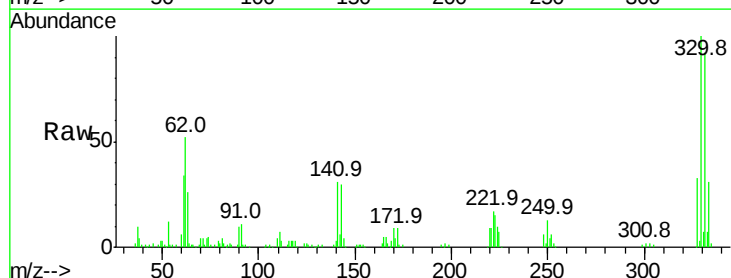
Instrument :
BNA_F
ClientSampleId :

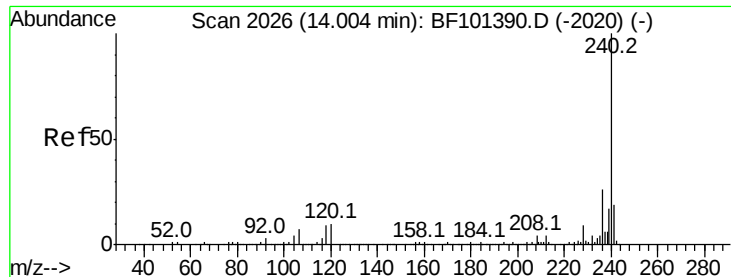
Tot Ion:188 Resp: 304292
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.4 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.527 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Tgt Ion:248 Resp: 8640
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 479.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Instrument :

BNA_F

ClientSampleId :

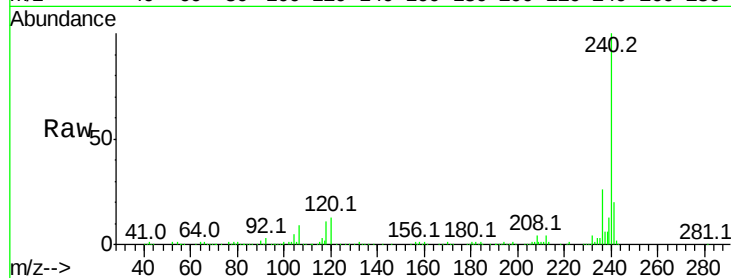
Tot Ion:240 Resp: 302311

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

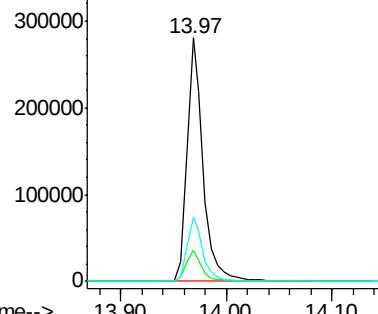
236 26.3 20.7 31.1



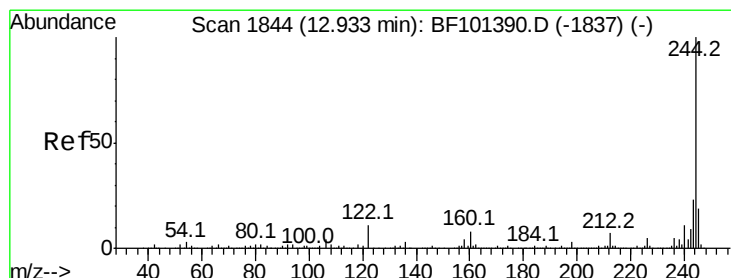
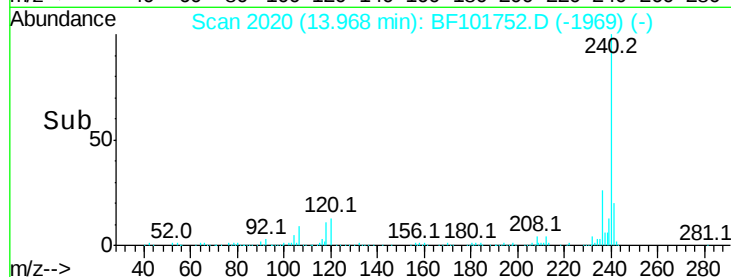
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 71.880 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

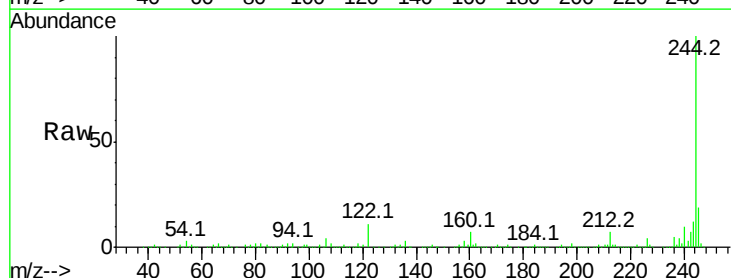
Tgt Ion:244 Resp: 901377

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

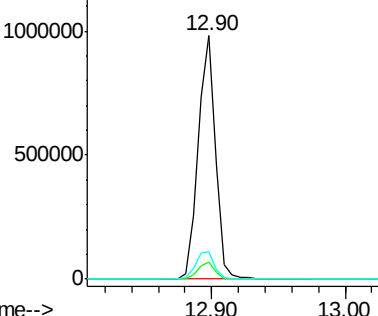
122 11.3 11.0 16.4



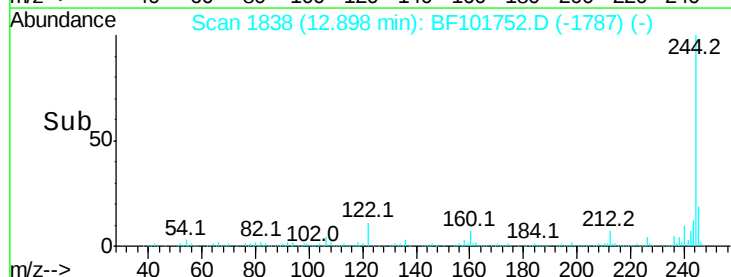
Abundance Ion 244.00 (243.70 to 244.70): E

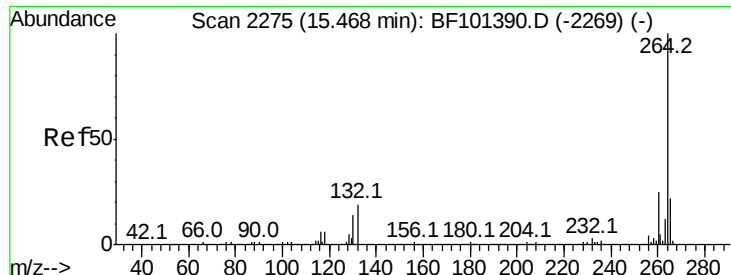
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

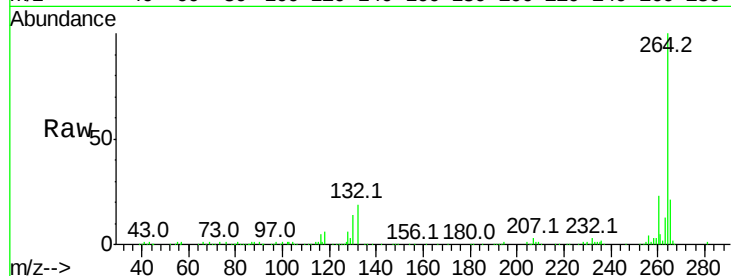




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	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

