

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101322.D
 Acq On : 12 Dec 2017 8:43
 Operator : SJ/JU
 Sample : I6766-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 09:56:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

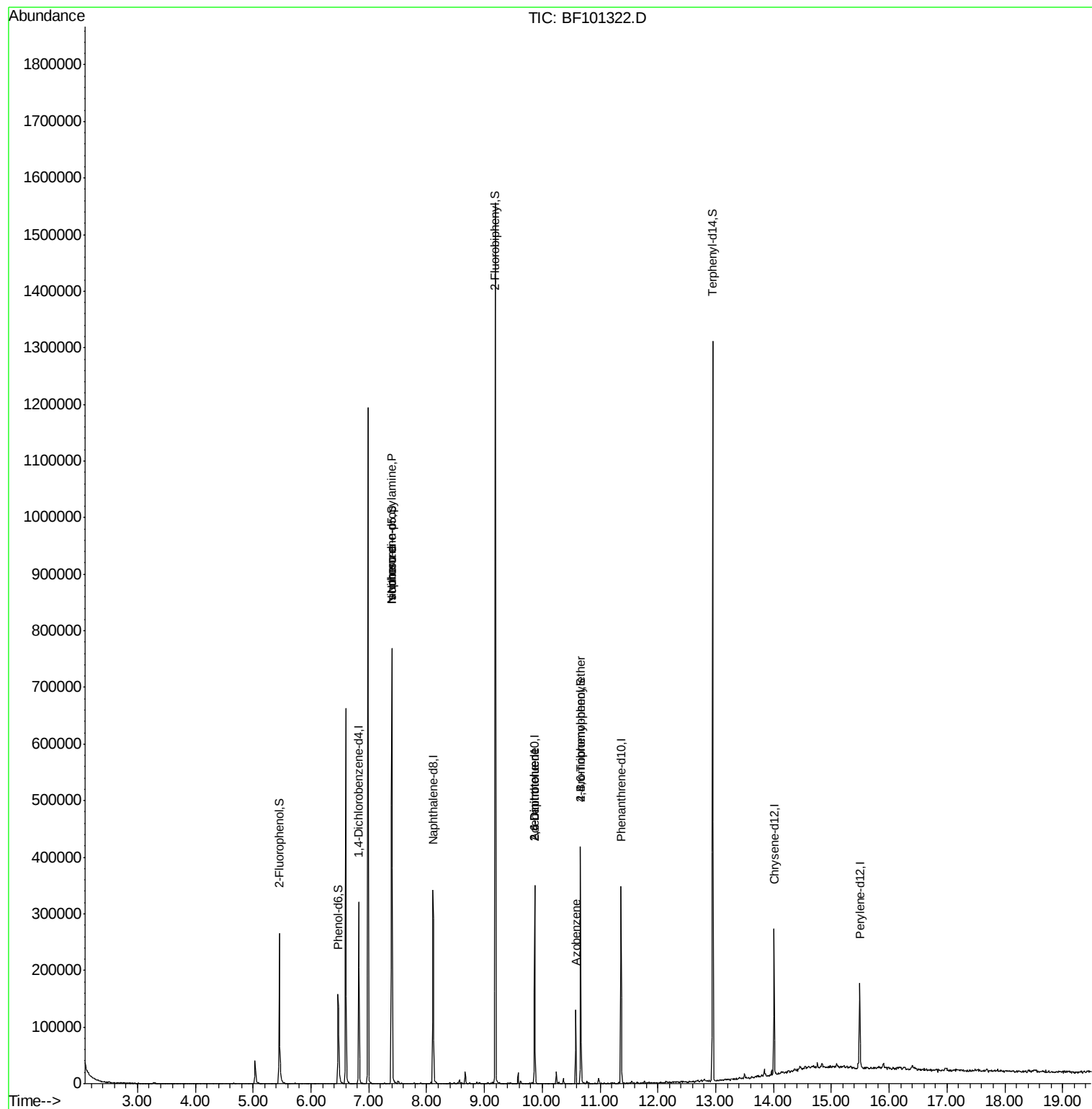
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44876	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	164879	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	67543	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	116928	20.00	ng	0.00
75) Chrysene-d12	14.01	240	90477	20.00	ng	0.00
86) Perylene-d12	15.49	264	70376	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	86265	31.76	ng	0.01
7) Phenol-d6	6.46	99	63212	19.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	237179	85.81	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	52295	64.45	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	512238	103.76	ng	0.00
78) Terphenyl-d14	12.95	244	396411	95.83	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	31245	14.071	ng	# 80
25) Isophorone	7.40	82	237177	50.237	ng	# 64
50) 2,6-Dinitrotoluene	9.87	165	8545	7.448	ng	# 24
56) 2,4-Dinitrotoluene	9.87	165	8545	5.557	ng	# 21
62) Azobenzene	10.58	77	19902	4.365	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	3257	2.489	ng	# 1

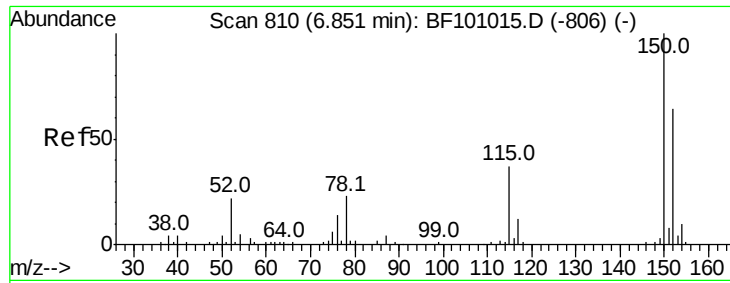
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101322.D
Acq On : 12 Dec 2017 8:43
Operator : SJ/JU
Sample : I6766-09
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 12 09:56:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



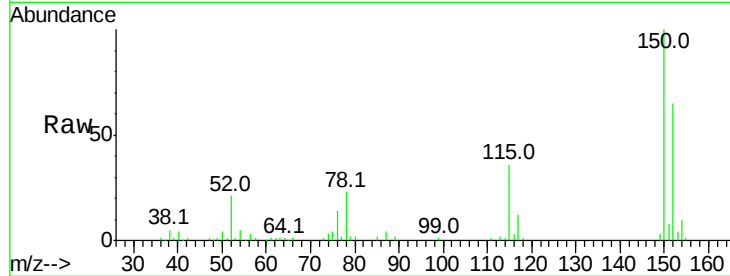


#1

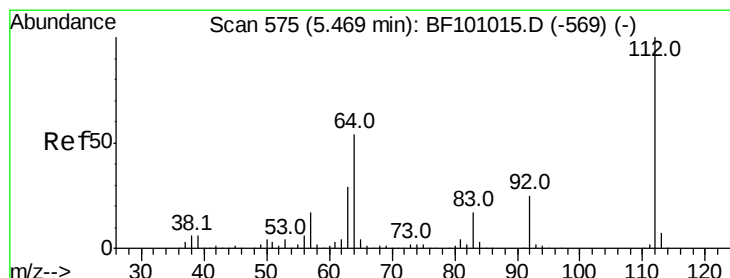
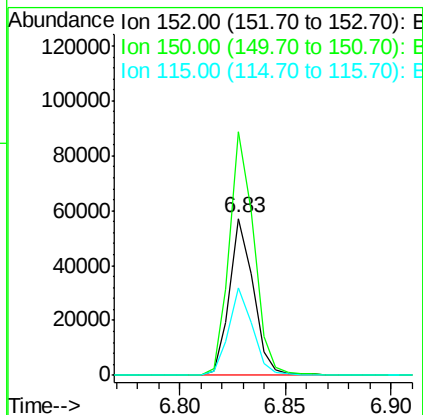
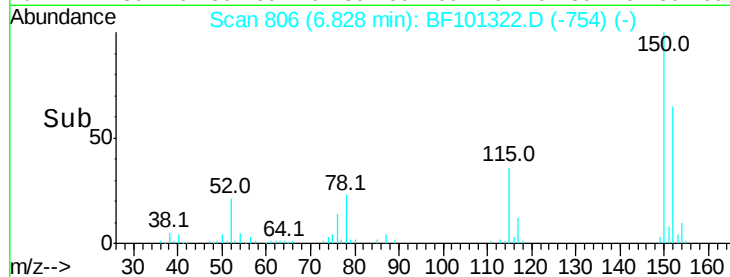
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101322.D
Acq: 12 Dec 2017 8:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 44876
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 56.0 50.1 75.1



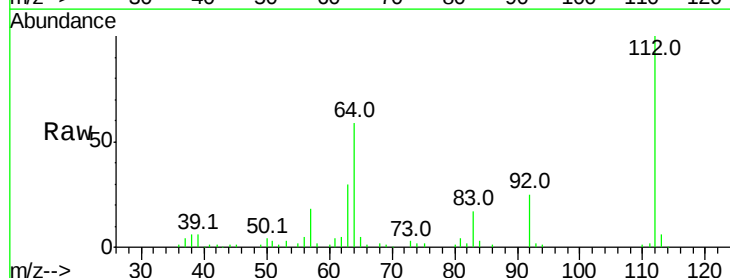
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



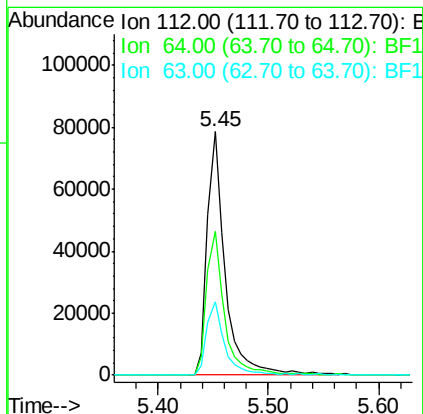
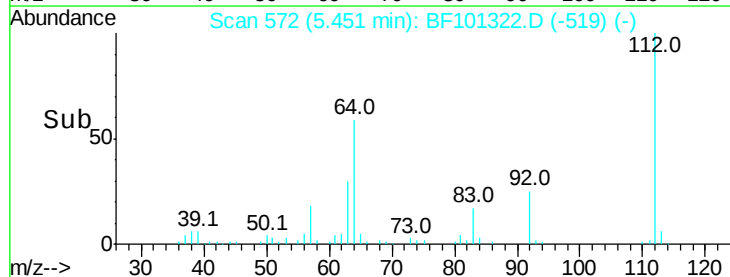
#5

2-Fluorophenol
Concen: 31.765 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101322.D
Acq: 12 Dec 2017 8:43

Tgt Ion:112 Resp: 86265
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.4 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: 19.172 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Instrument :

BNA_F

ClientSampleId :

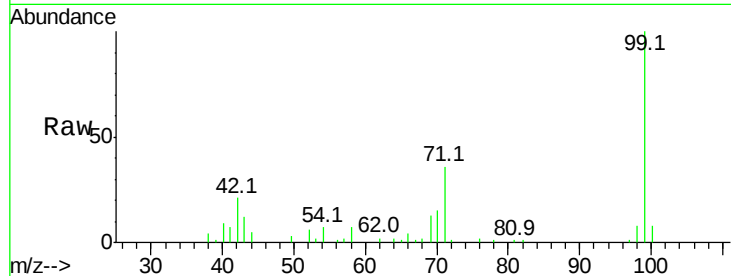
Tot Ion: 99 Resp: 63212

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

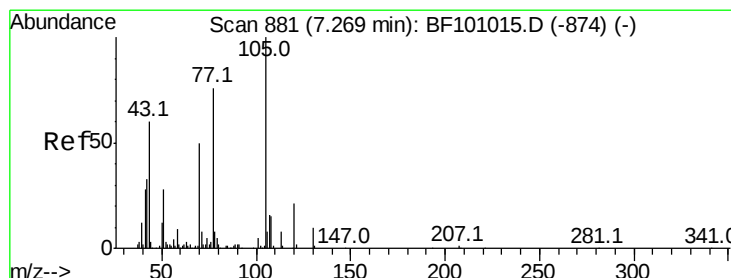
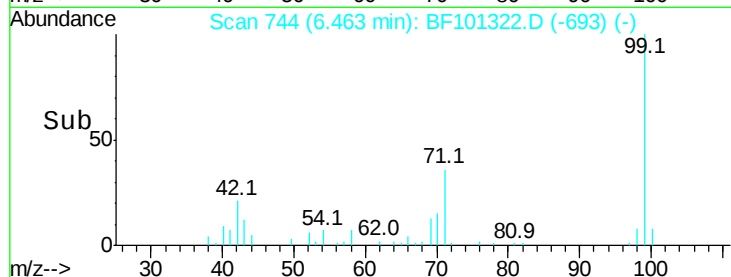
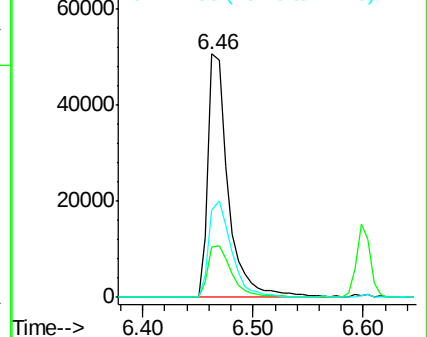
71 36.1 25.4 38.0



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: 14.071 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.16 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Tgt Ion: 70 Resp: 31245

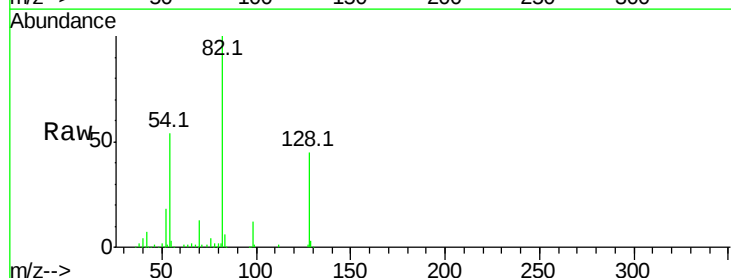
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

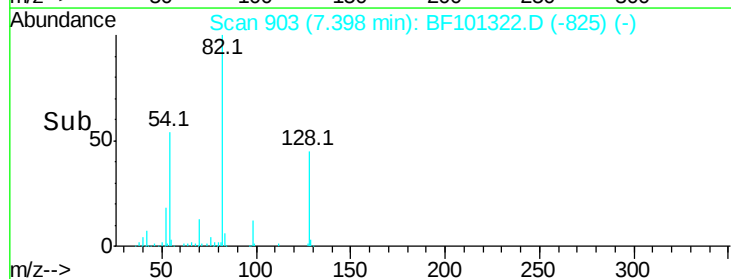
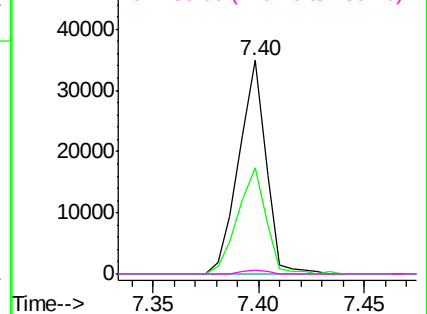


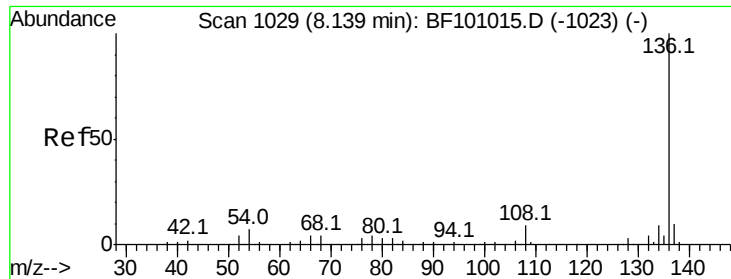
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

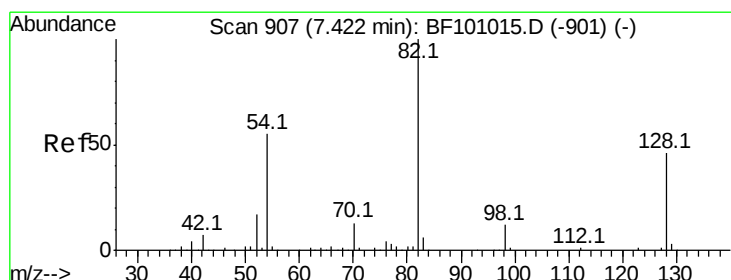
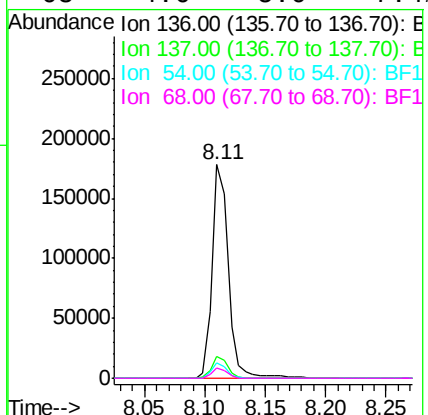
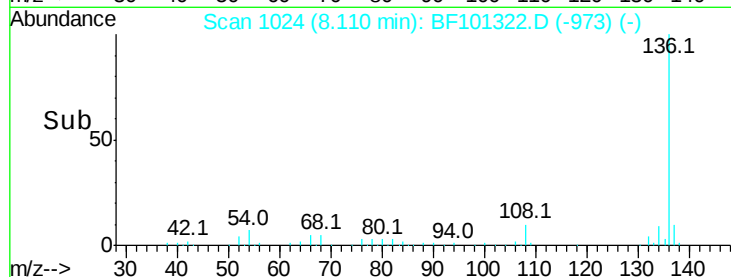
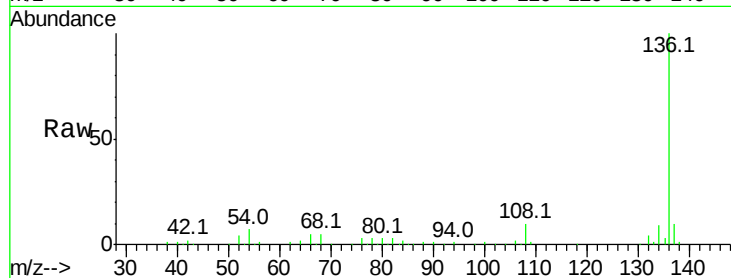




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101322.D
Acq: 12 Dec 2017 8:43

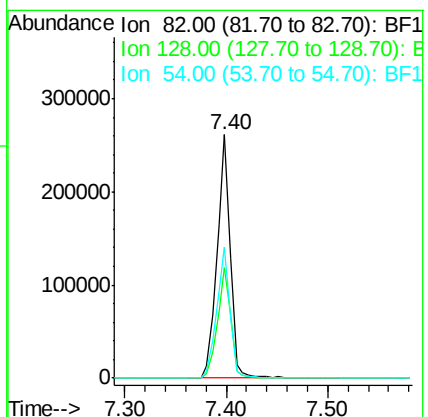
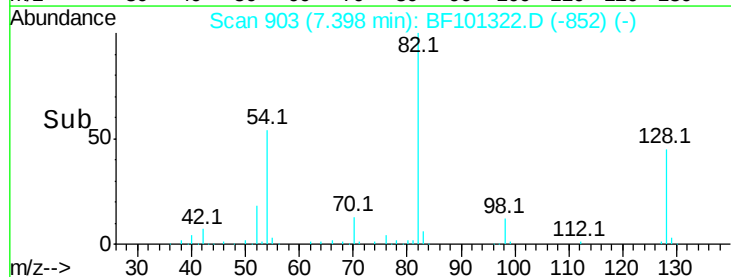
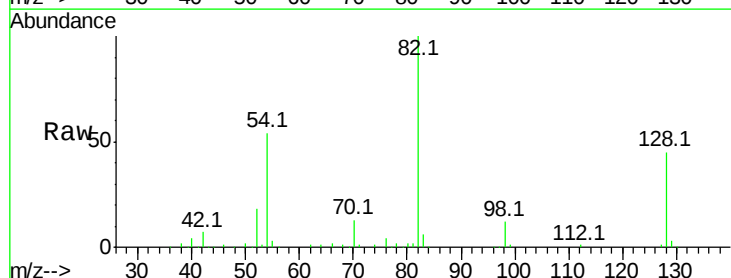
Instrument :
BNA_F
ClientSampled :

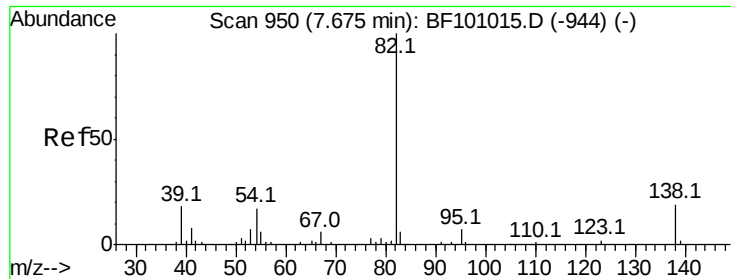
Tot Ion:	136	Resp:	164879
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.2	6.6	9.8
68	4.6	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 85.811 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101322.D
Acq: 12 Dec 2017 8:43

Tgt Ion:	82	Resp:	237179
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	53.6	41.4	62.2





#25

Isophorone

Concen: 50.237 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Instrument :

BNA_F

ClientSampleId :

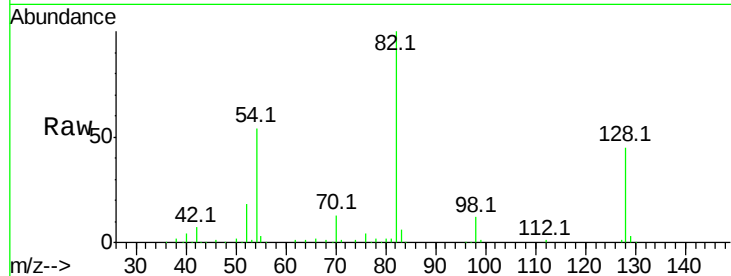
Tot Ion: 82 Resp: 237177

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

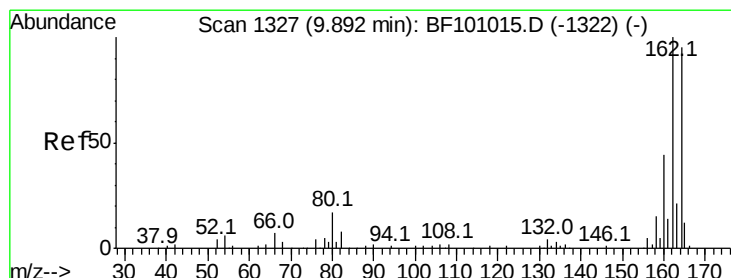
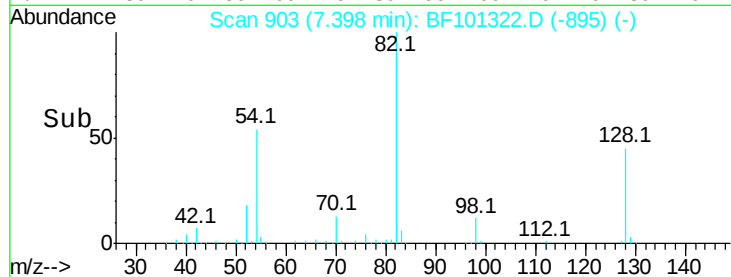
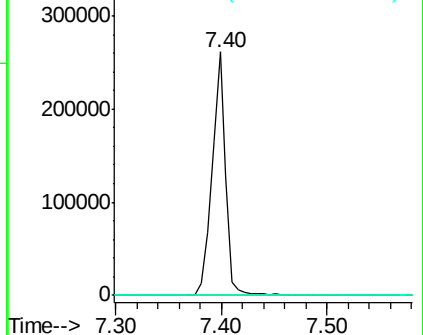
138 0.0 14.9 22.3#



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: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

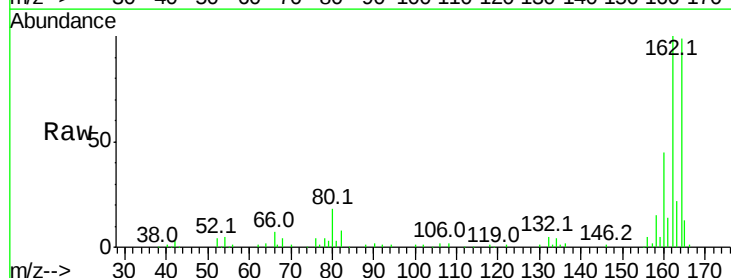
Tgt Ion:164 Resp: 67543

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

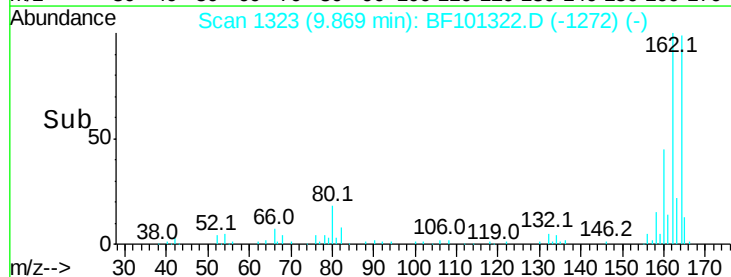
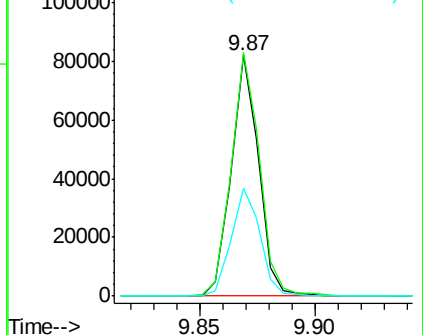
160 45.1 38.3 57.5

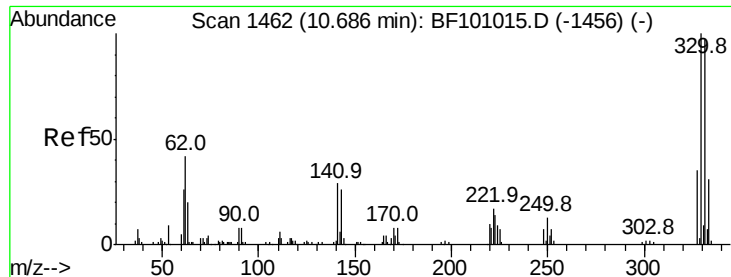


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

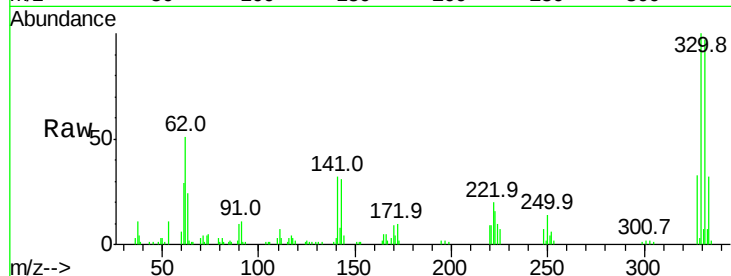




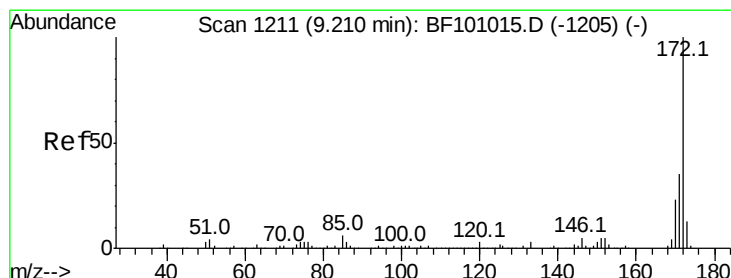
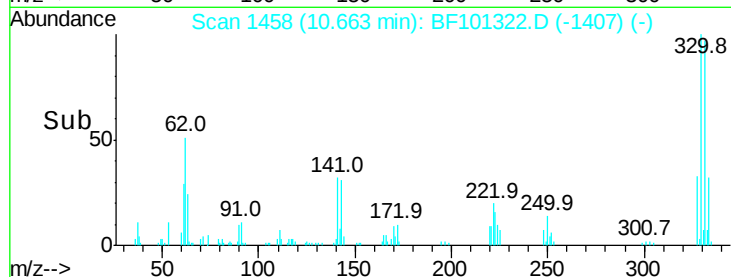
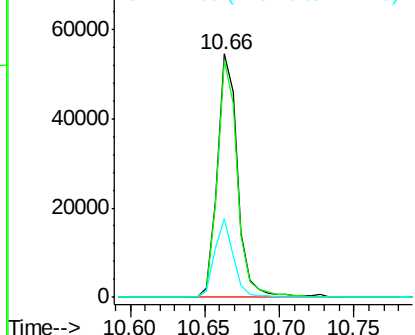
#41
 2,4,6-Tribromophenol
 Concen: 64.452 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	29.6	29.9	44.9#

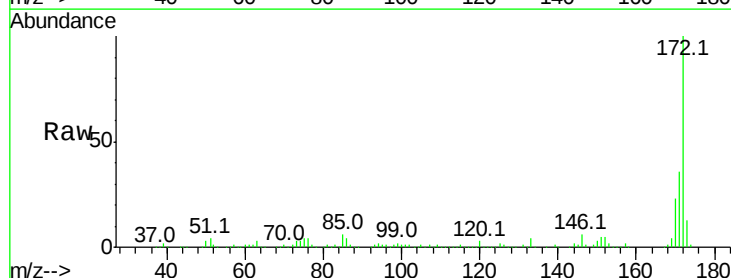


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

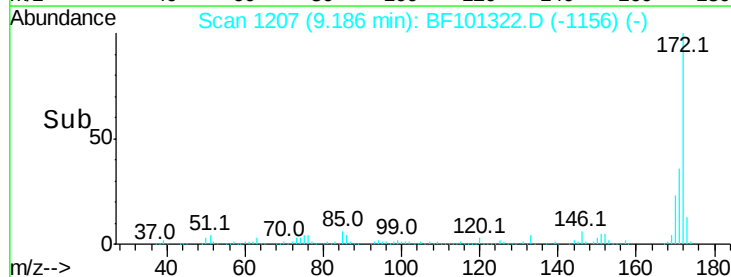
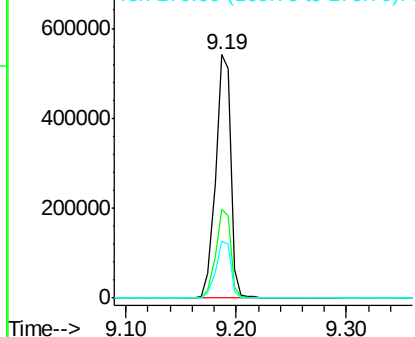


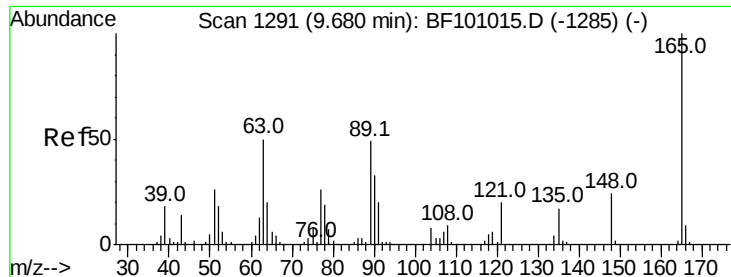
#44
 2-Fluorobiphenyl
 Concen: 103.763 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	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

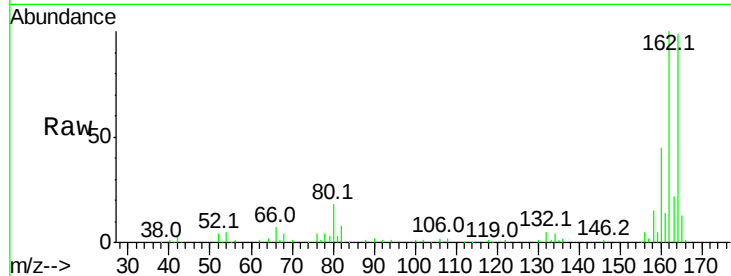




#50
 2,6-Dinitrotoluene
 Concen: 7.448 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.21 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :

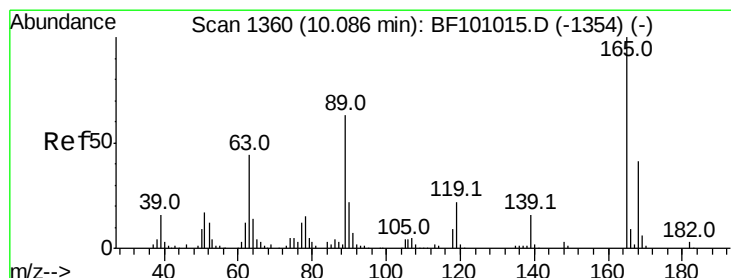
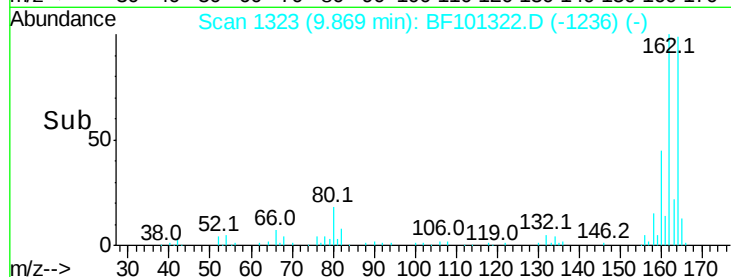
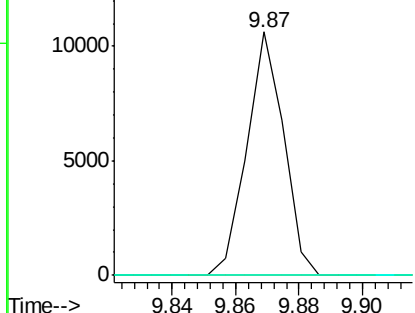
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.557 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

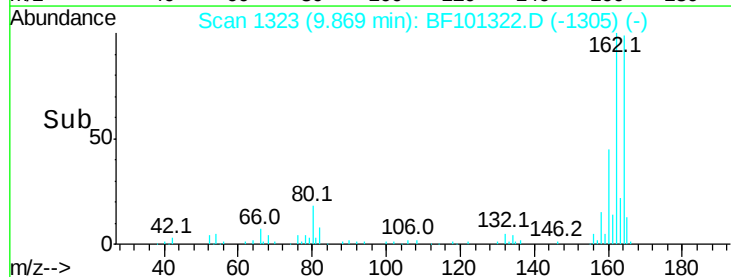
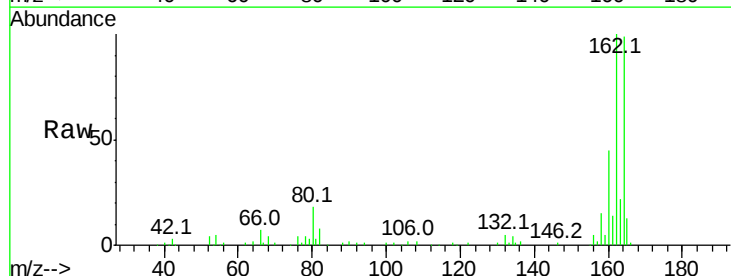
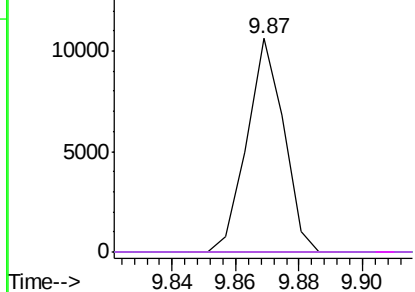
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

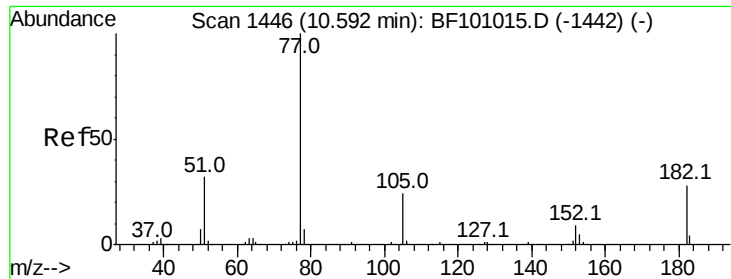
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 4.365 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 19902

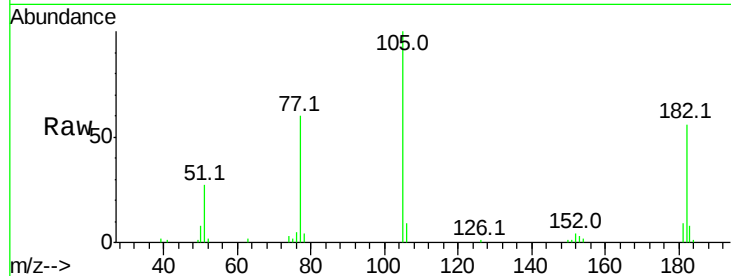
Ion Ratio Lower Upper

77 100

182 93.7 1.7 41.7#

105 166.0 3.0 43.0#

51 44.3 9.9 49.9

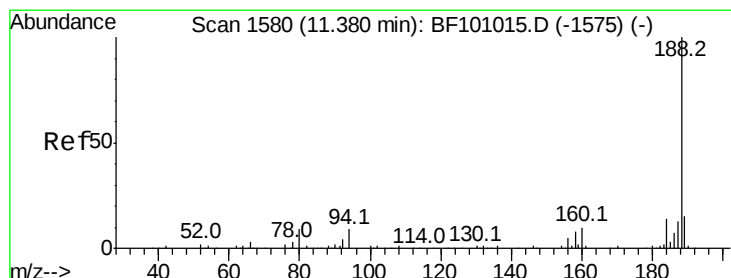
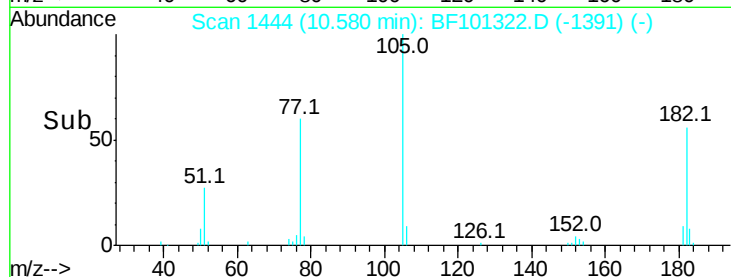
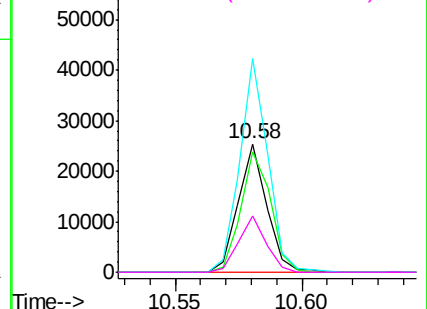


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

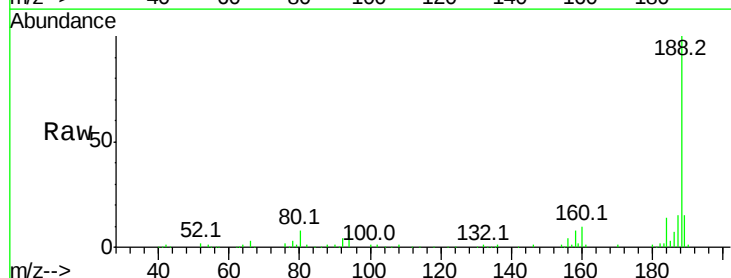
Tgt Ion: 188 Resp: 116928

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

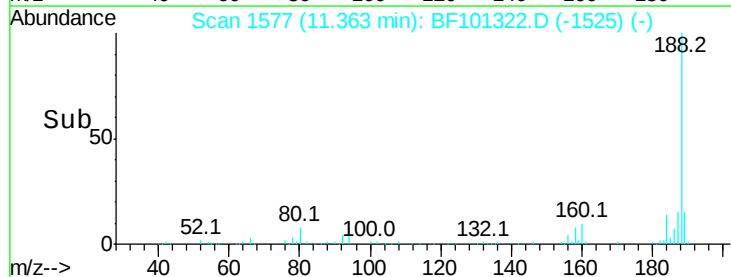
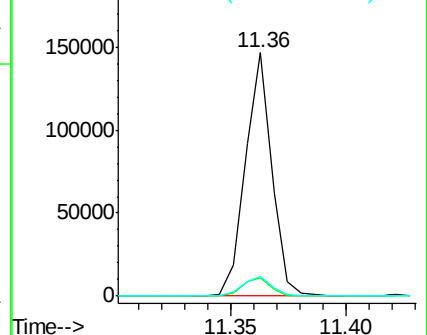
80 8.1 9.2 13.8#

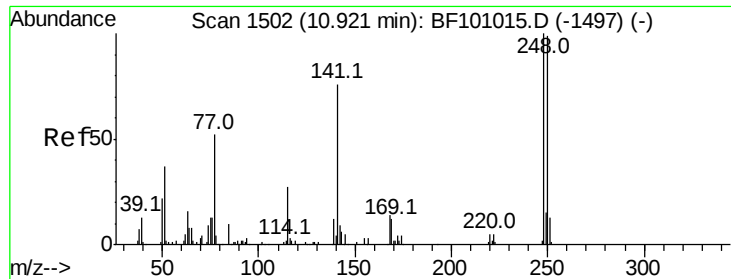


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

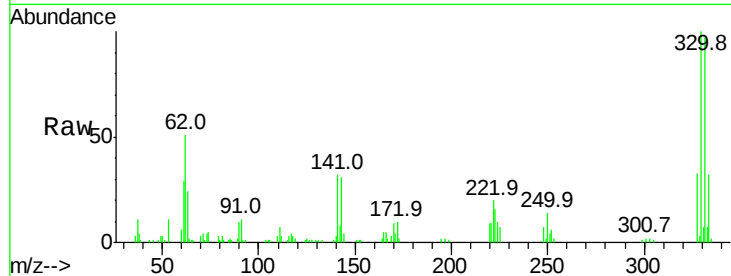




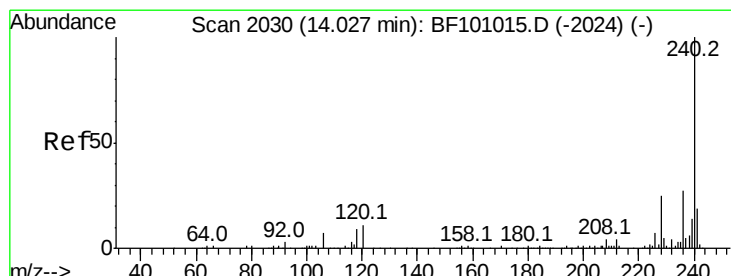
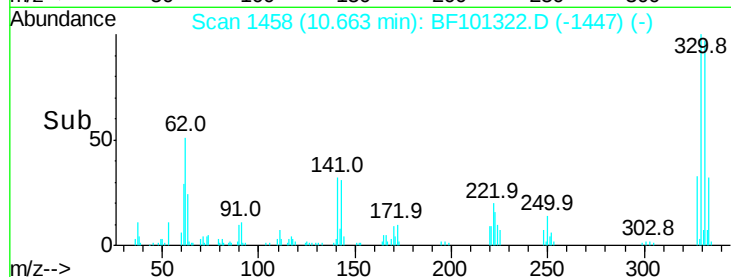
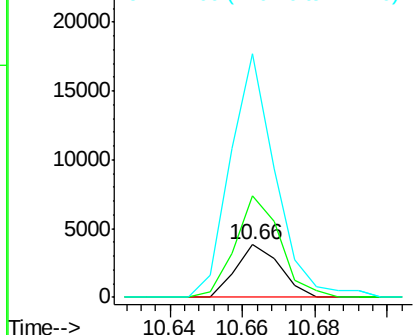
#66
 4-Bromophenyl-phenylether
 Concen: 2.489 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.24 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 3257
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 464.1 74.4 111.6#

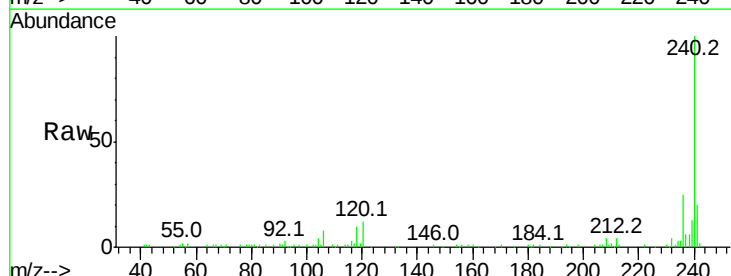


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

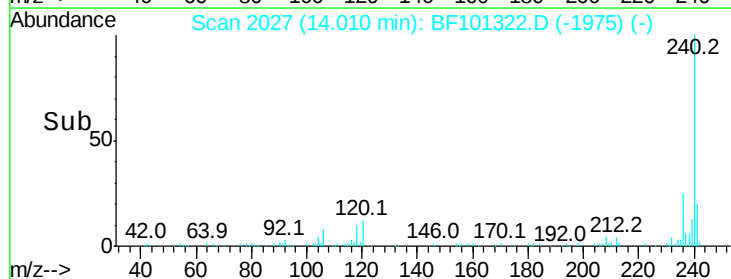
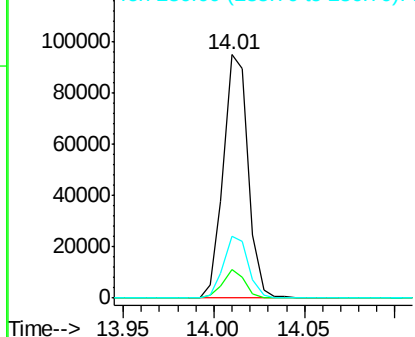


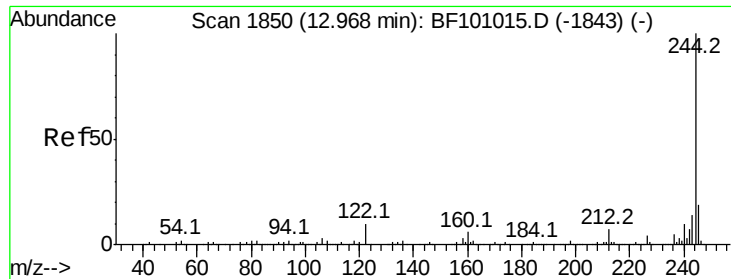
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF101322.D
 Acq: 12 Dec 2017 8:43

Tgt Ion:240 Resp: 90477
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 25.5 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: 95.832 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

Instrument :

BNA_F

ClientSampleId :

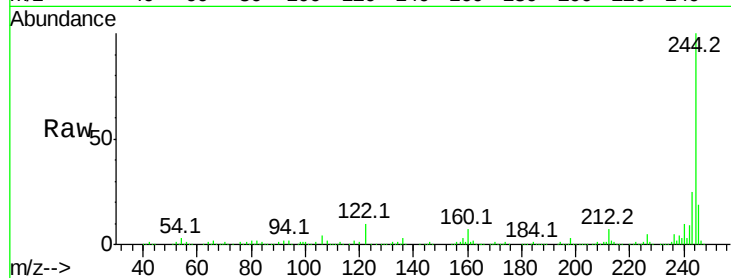
Tot Ion:244 Resp: 396411

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

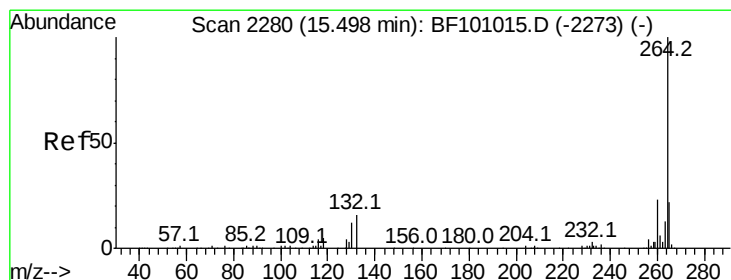
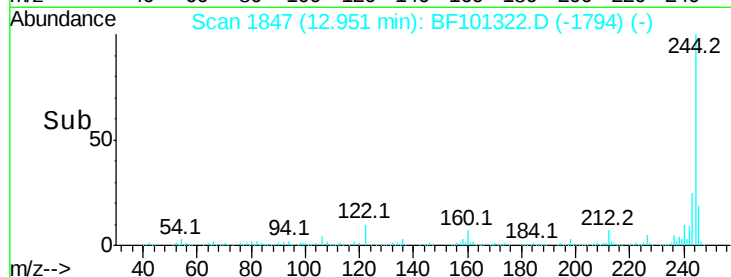
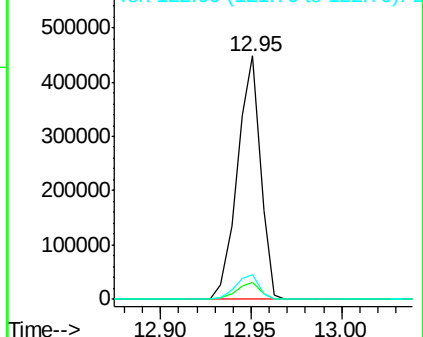
122 10.1 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF101322.D

Acq: 12 Dec 2017 8:43

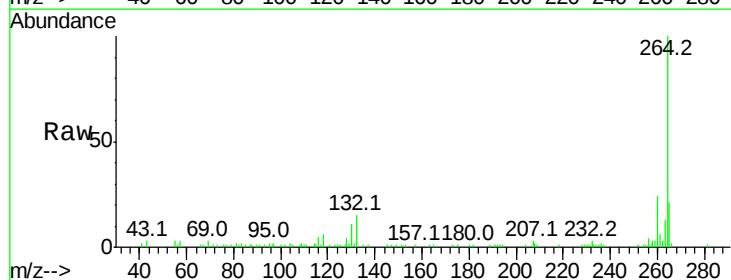
Tgt Ion:264 Resp: 70376

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.4 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

