

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101321.D
 Acq On : 12 Dec 2017 8:17
 Operator : SJ/JU
 Sample : I6766-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 09:56:10 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

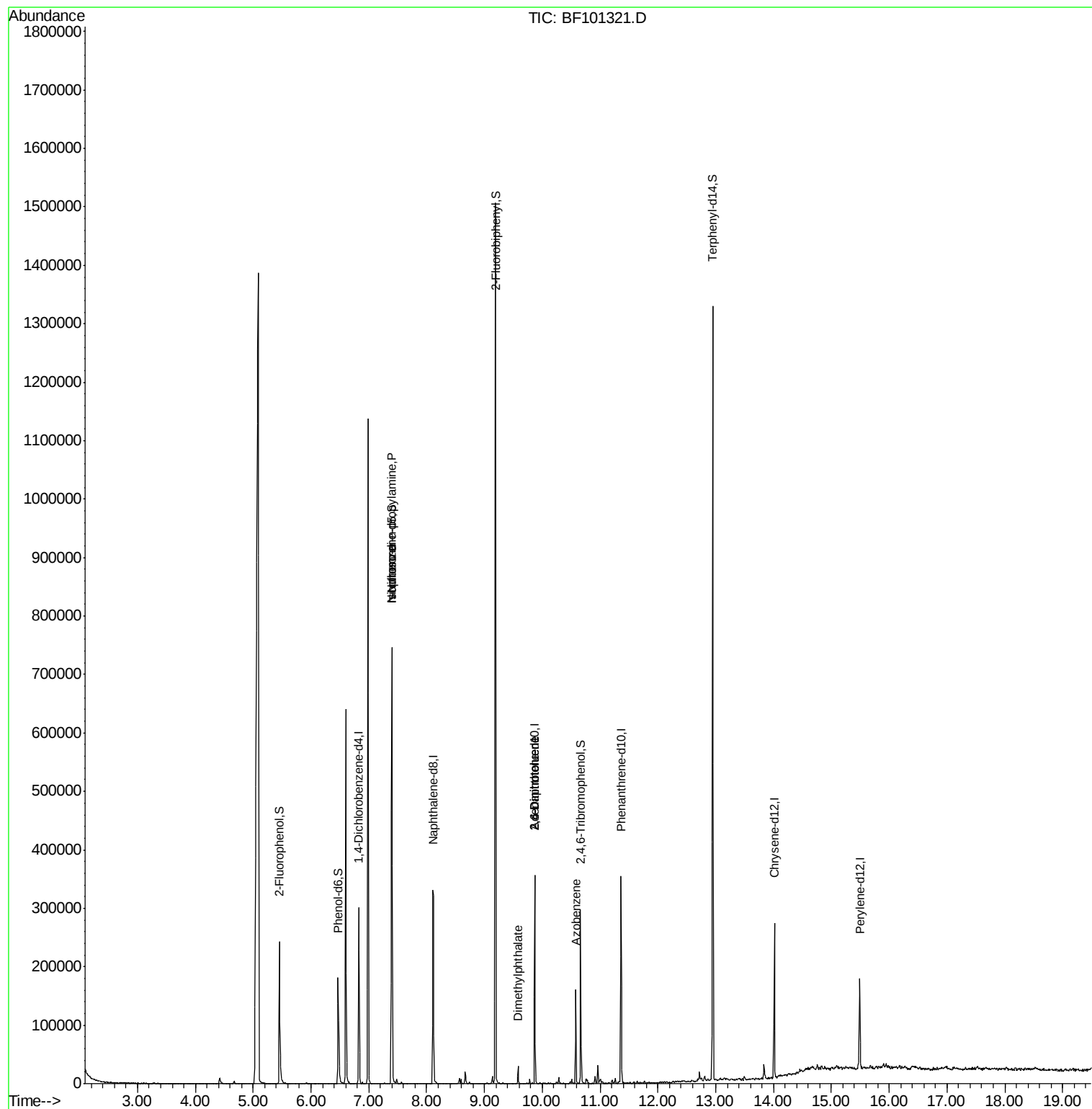
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44464	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	166863	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	70636	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	121752	20.00	ng	0.00
75) Chrysene-d12	14.02	240	96345	20.00	ng	0.01
86) Perylene-d12	15.49	264	72161	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	84285	31.32	ng	0.01
7) Phenol-d6	6.47	99	64275	19.67	ng	0.00
23) Nitrobenzene-d5	7.40	82	225207	80.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	38816	45.74	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	520080	100.74	ng	0.00
78) Terphenyl-d14	12.95	244	406809	92.36	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	29697	13.498	ng	# 82
25) Isophorone	7.40	82	225202	47.133	ng	# 64
49) Dimethylphthalate	9.58	163	12607	2.213	ng	# 98
50) 2,6-Dinitrotoluene	9.87	165	8502	7.086	ng	# 24
56) 2,4-Dinitrotoluene	9.87	165	8502	5.287	ng	# 21
62) Azobenzene	10.58	77	23949	5.022	ng	# 1

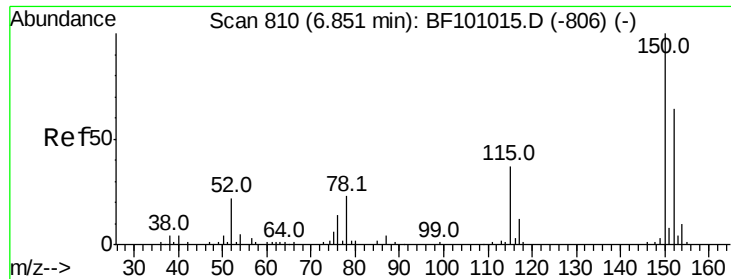
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101321.D
Acq On : 12 Dec 2017 8:17
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Sample : I6766-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
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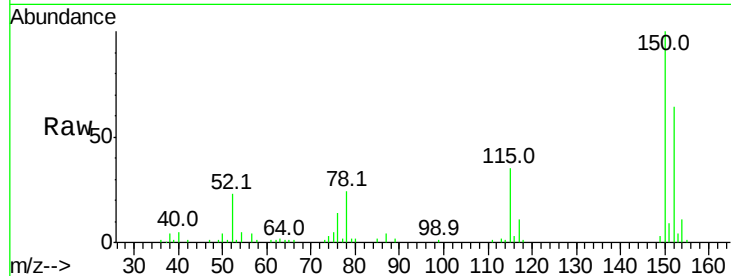


#1

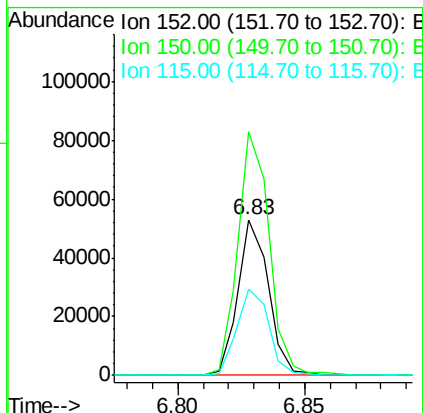
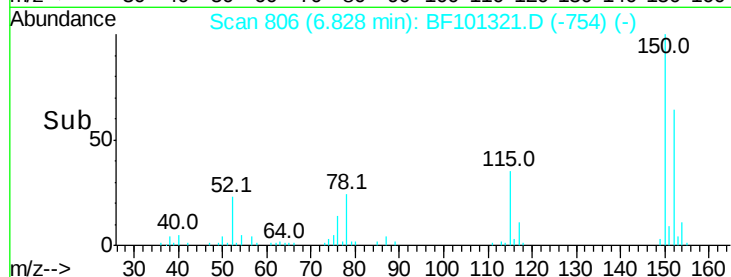
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101321.D
Acq: 12 Dec 2017 8:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 44464
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 55.0 50.1 75.1



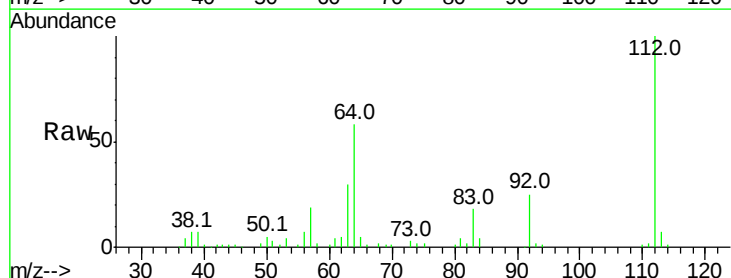
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



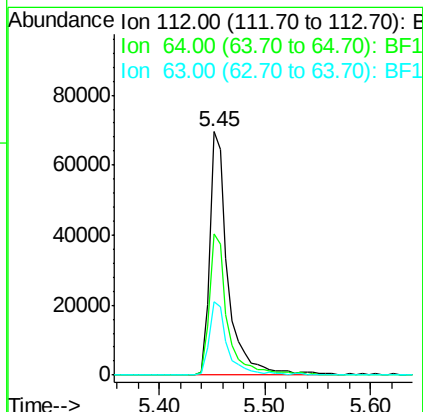
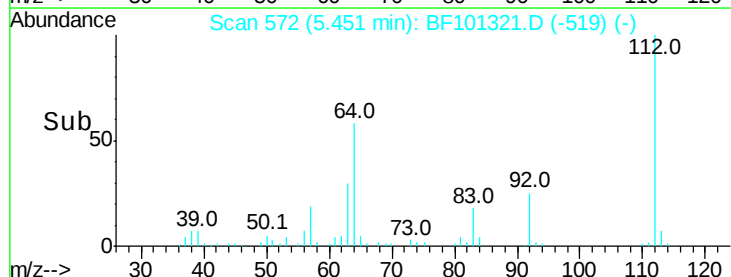
#5

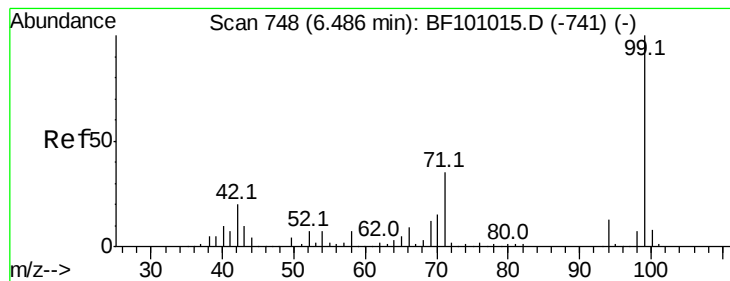
2-Fluorophenol
Concen: 31.323 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101321.D
Acq: 12 Dec 2017 8:17

Tgt Ion:112 Resp: 84285
Ion Ratio Lower Upper
112 100
64 58.1 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: 19.675 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

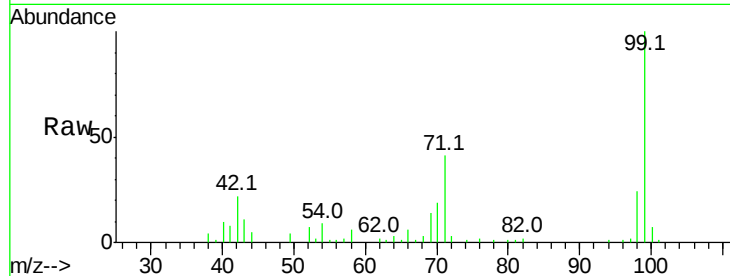
Tot Ion: 99 Resp: 64275

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

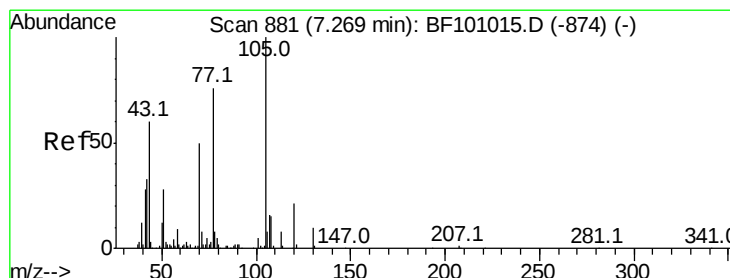
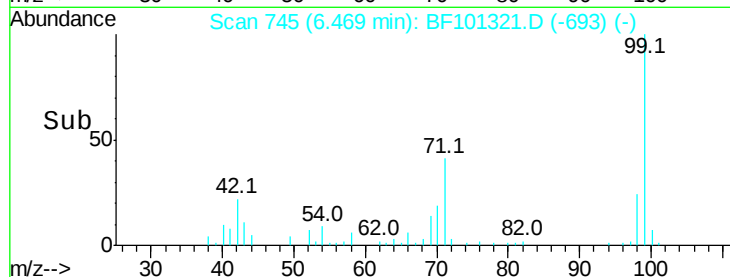
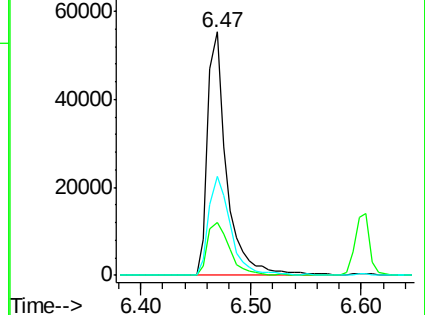
71 40.6 25.4 38.0#



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: 13.498 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.16 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Tgt Ion: 70 Resp: 29697

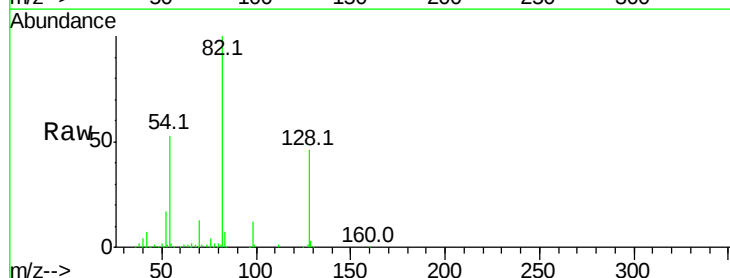
Ion Ratio Lower Upper

70 100

42 52.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

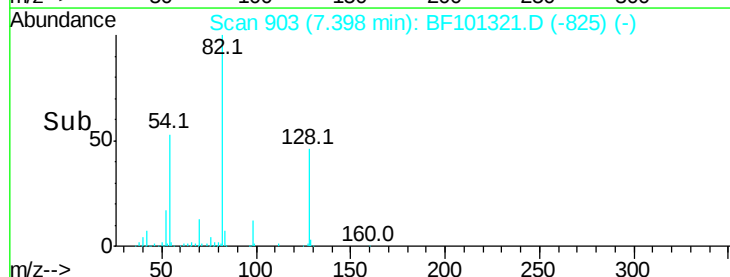
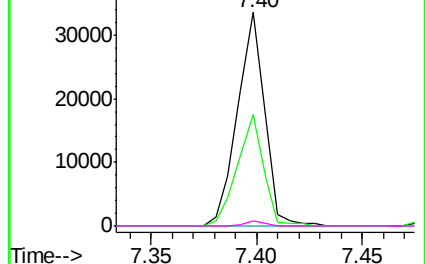


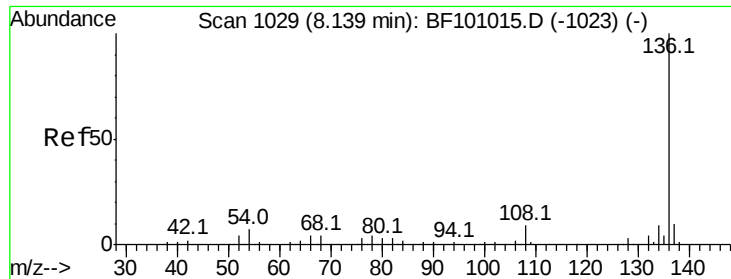
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

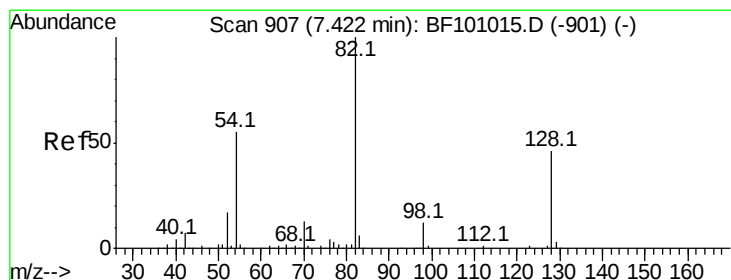
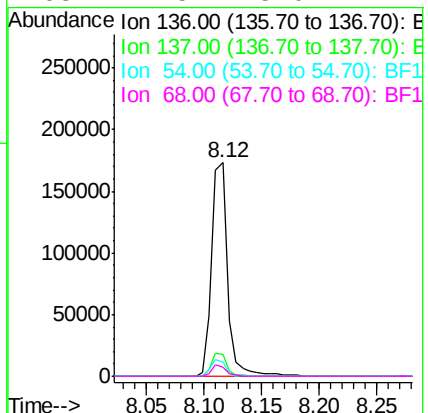
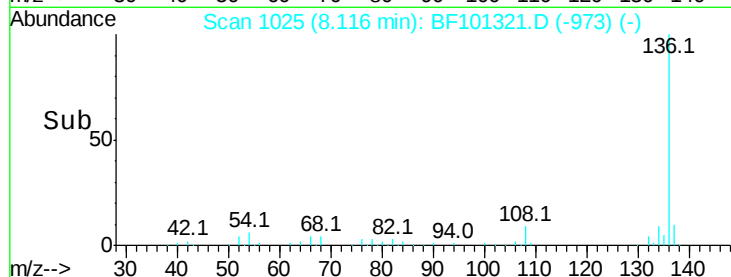
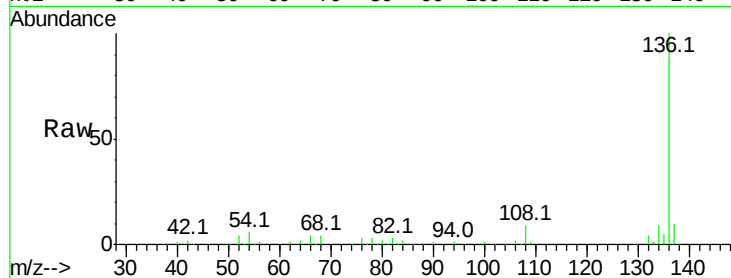




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101321.D
Acq: 12 Dec 2017 8:17

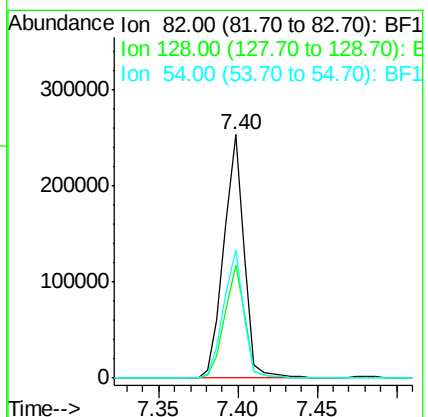
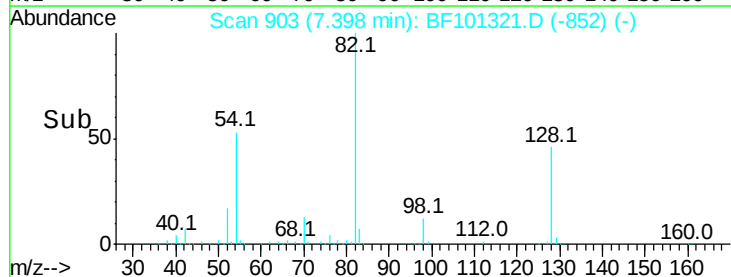
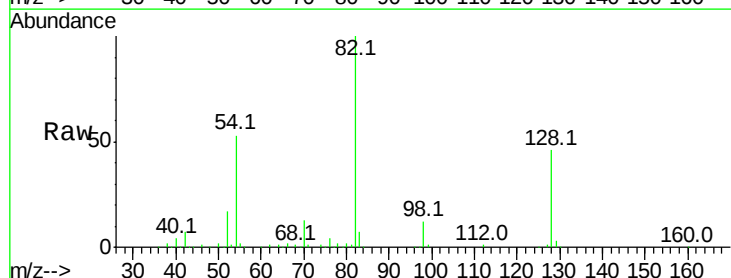
Instrument :
BNA_F
ClientSampleId :

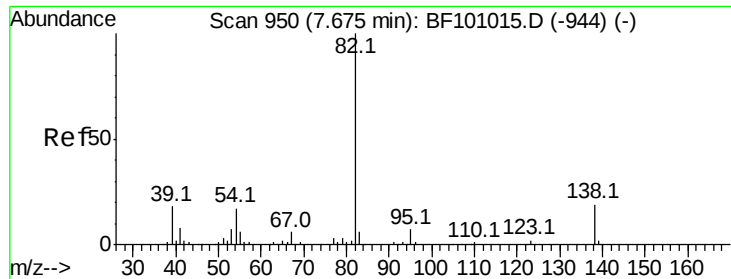
Tot Ion:	136	Resp:	166863
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	6.3	6.6	9.8#
68	4.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 80.511 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101321.D
Acq: 12 Dec 2017 8:17

Tgt Ion:	82	Resp:	225207
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	52.7	41.4	62.2





#25

Isophorone

Concen: 47.133 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.25 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

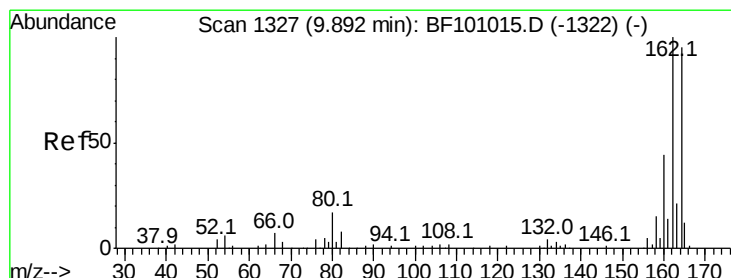
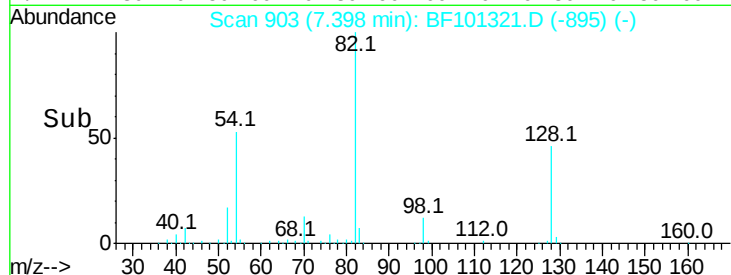
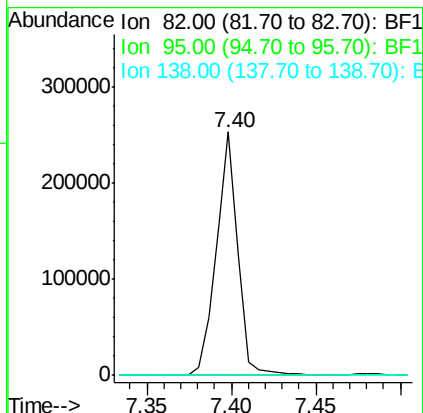
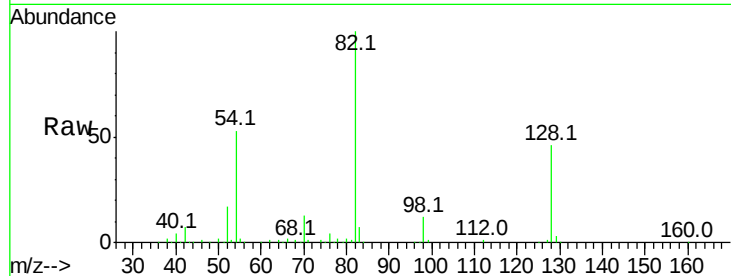
Tot Ion: 82 Resp: 225202

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: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

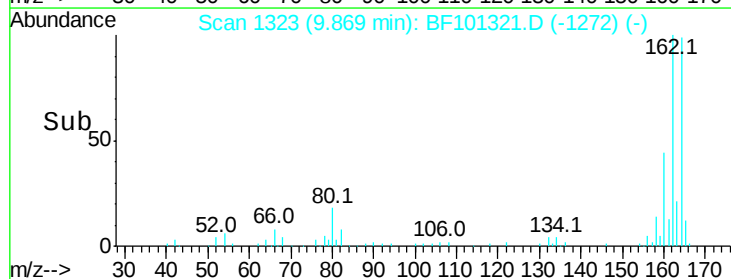
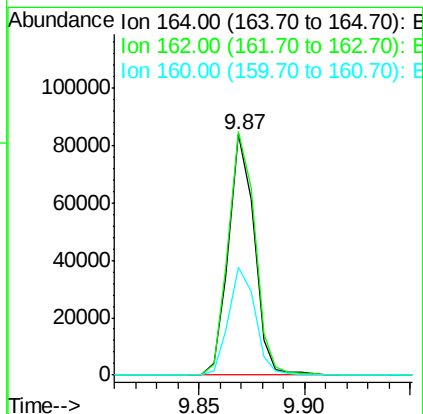
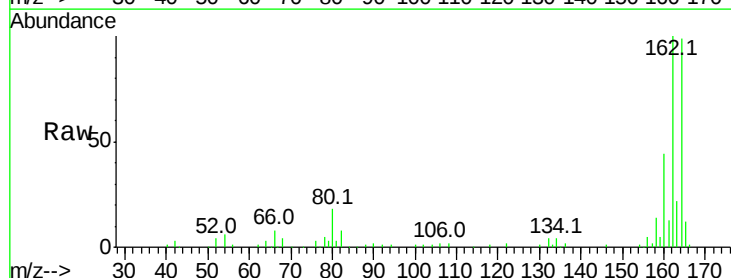
Tgt Ion:164 Resp: 70636

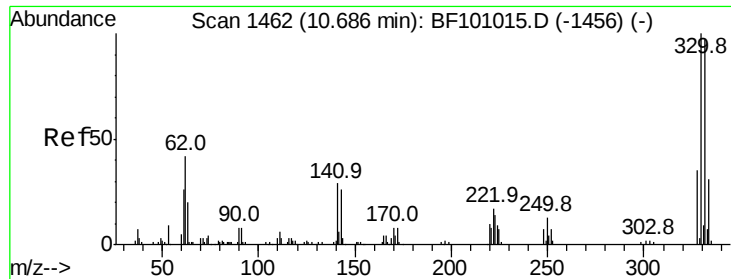
Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

160 44.7 38.3 57.5

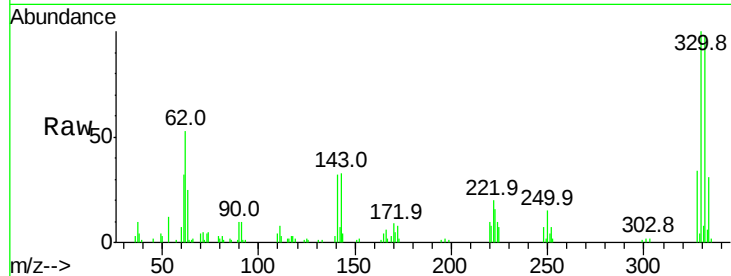




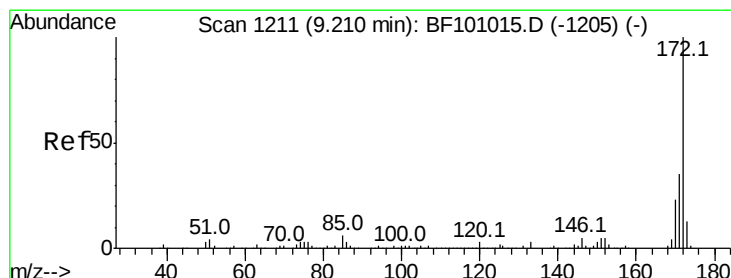
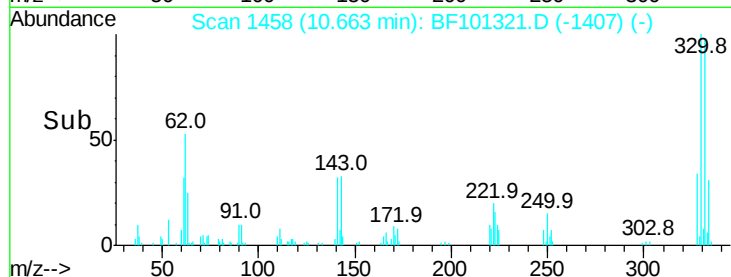
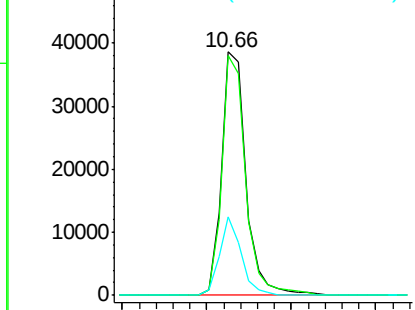
#41
 2,4,6-Tribromophenol
 Concen: 45.744 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 38816
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 28.6 29.9 44.9#

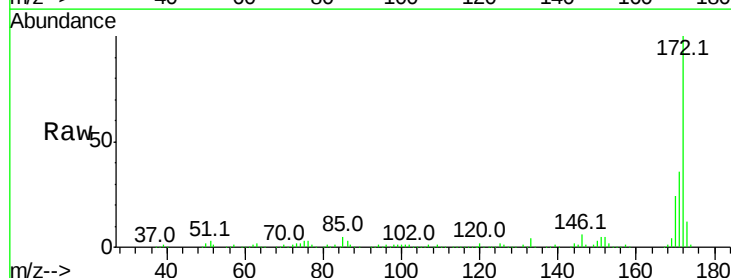


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

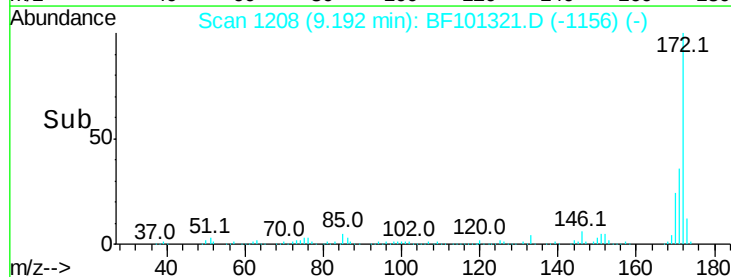
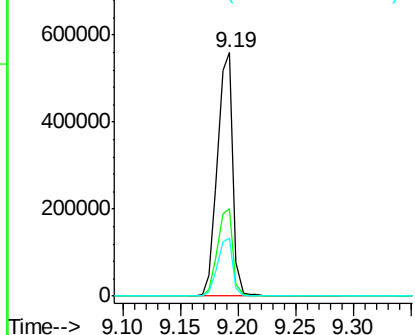


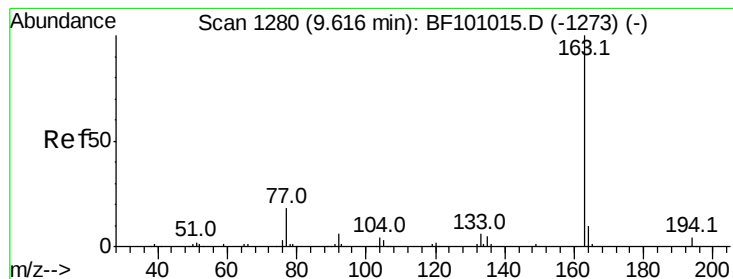
#44
 2-Fluorobiphenyl
 Concen: 100.738 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Tgt Ion:172 Resp: 520080
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.6 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





#49

Dimethylphthalate

Concen: 2.213 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

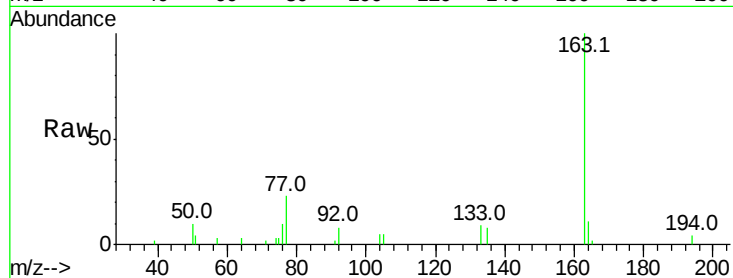
Tot Ion:163 Resp: 12607

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

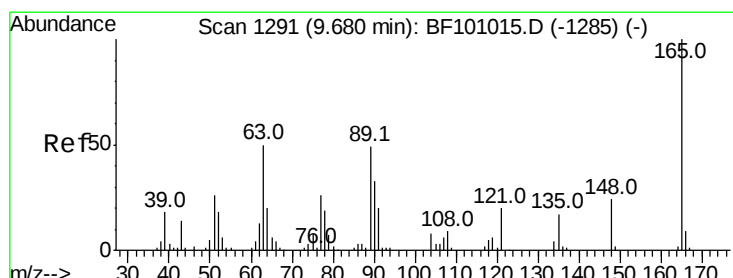
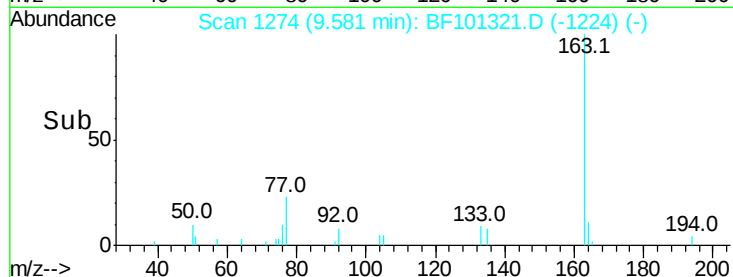
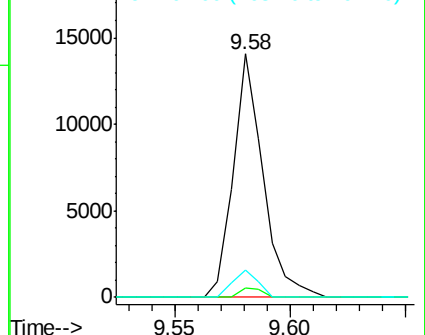
164 11.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.086 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

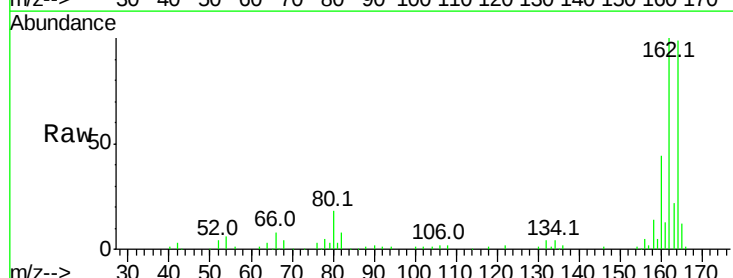
Tgt Ion:165 Resp: 8502

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

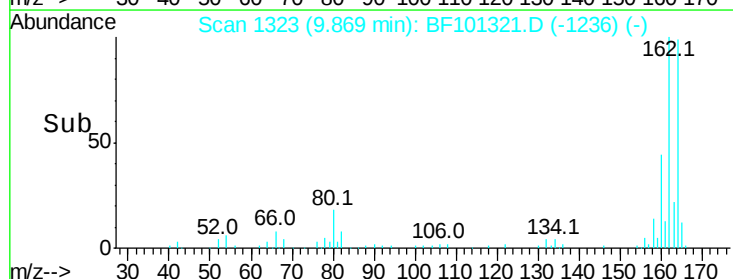
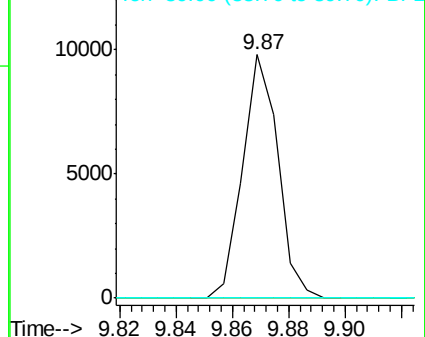
89 0.0 44.0 66.0#

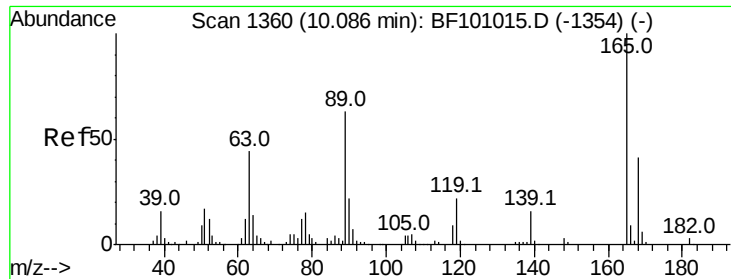


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

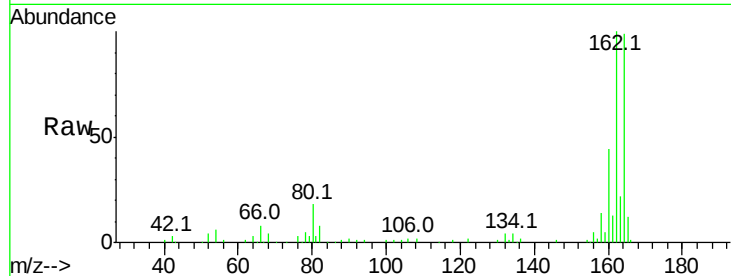




#56
 2,4-Dinitrotoluene
 Concen: 5.287 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	8502
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#

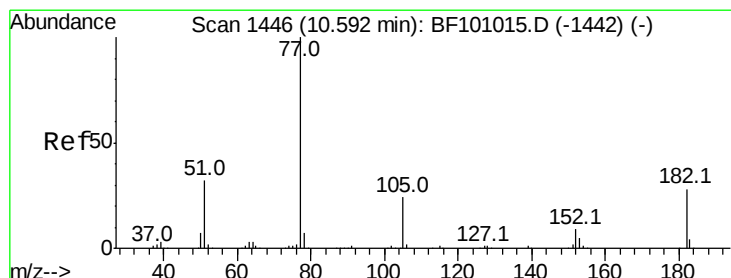
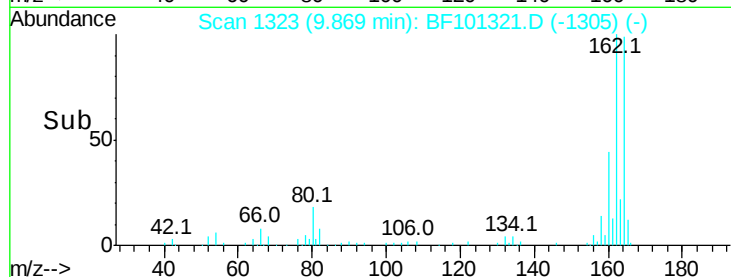
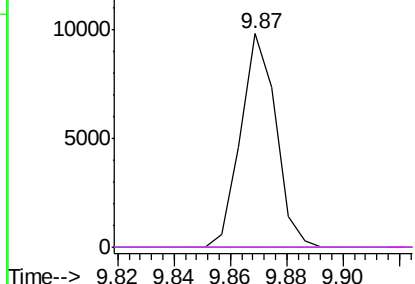


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

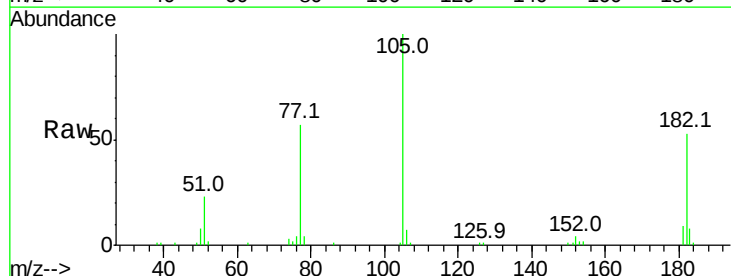
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62
 Azobenzene
 Concen: 5.022 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF101321.D
 Acq: 12 Dec 2017 8:17

Tgt Ion:	77	Resp:	23949
Ion	Ratio	Lower	Upper
77	100		
182	94.0	1.7	41.7#
105	175.9	3.0	43.0#
51	40.2	9.9	49.9

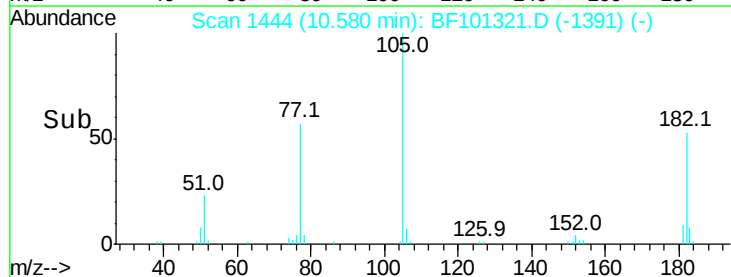
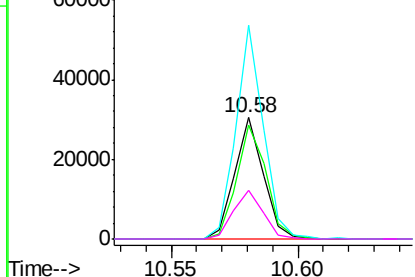


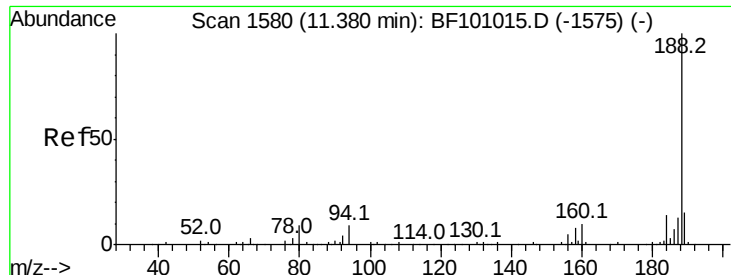
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

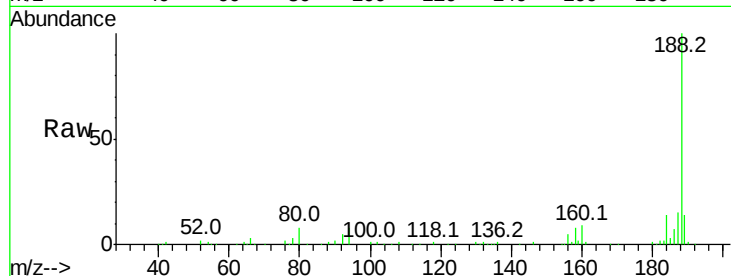
Tot Ion:188 Resp: 121752

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

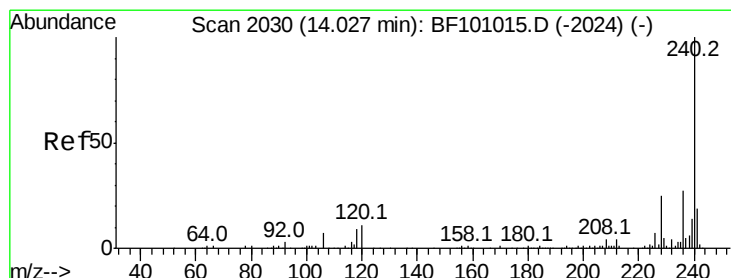
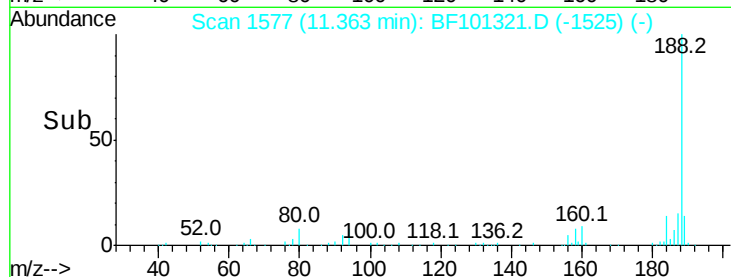
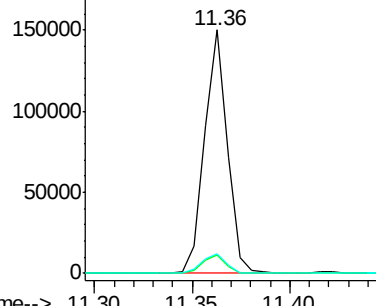
80 8.2 9.2 13.8#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

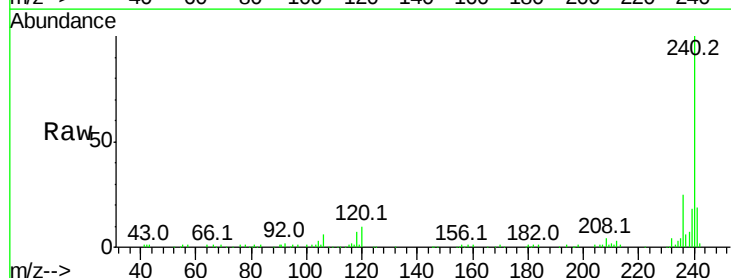
Tgt Ion:240 Resp: 96345

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

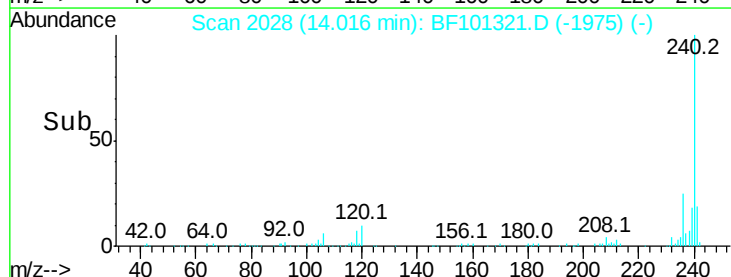
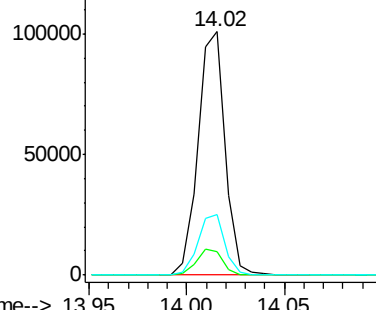
236 24.9 20.7 31.1

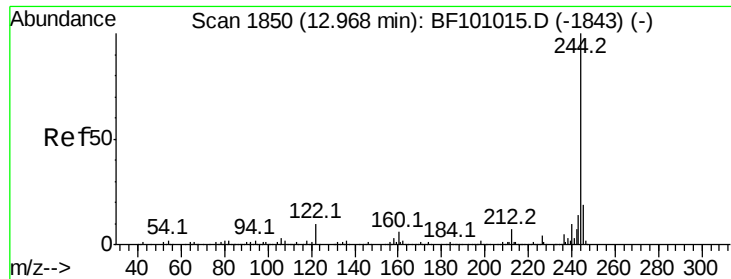


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.355 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Instrument :

BNA_F

ClientSampleId :

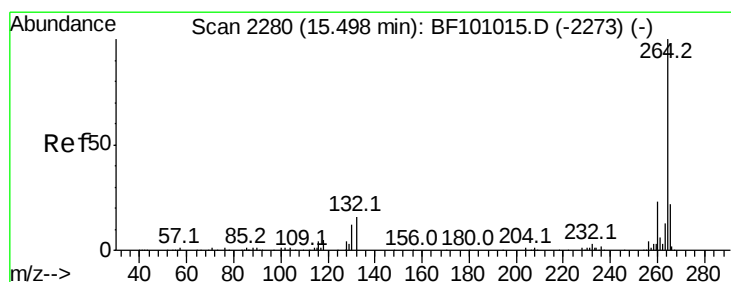
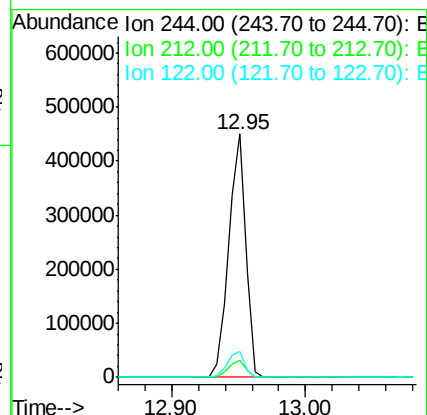
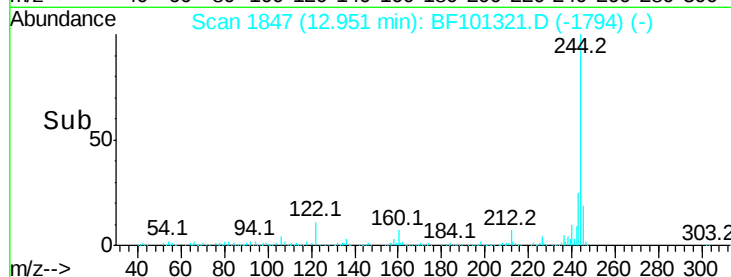
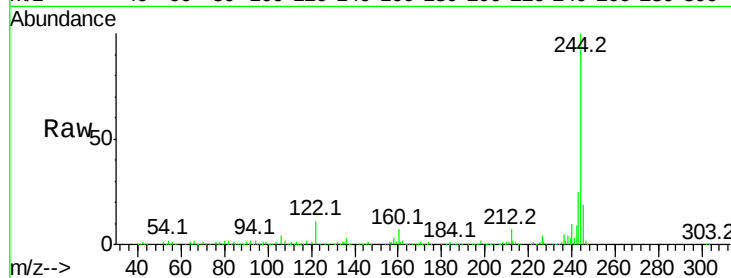
Tot Ion:244 Resp: 406809

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 10.6 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF101321.D

Acq: 12 Dec 2017 8:17

Tgt Ion:264 Resp: 72161

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.5 17.5 26.3

