

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101037.D
 Acq On : 1 Dec 2017 00:13
 Operator : SJ/JU
 Sample : I6641-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:29:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

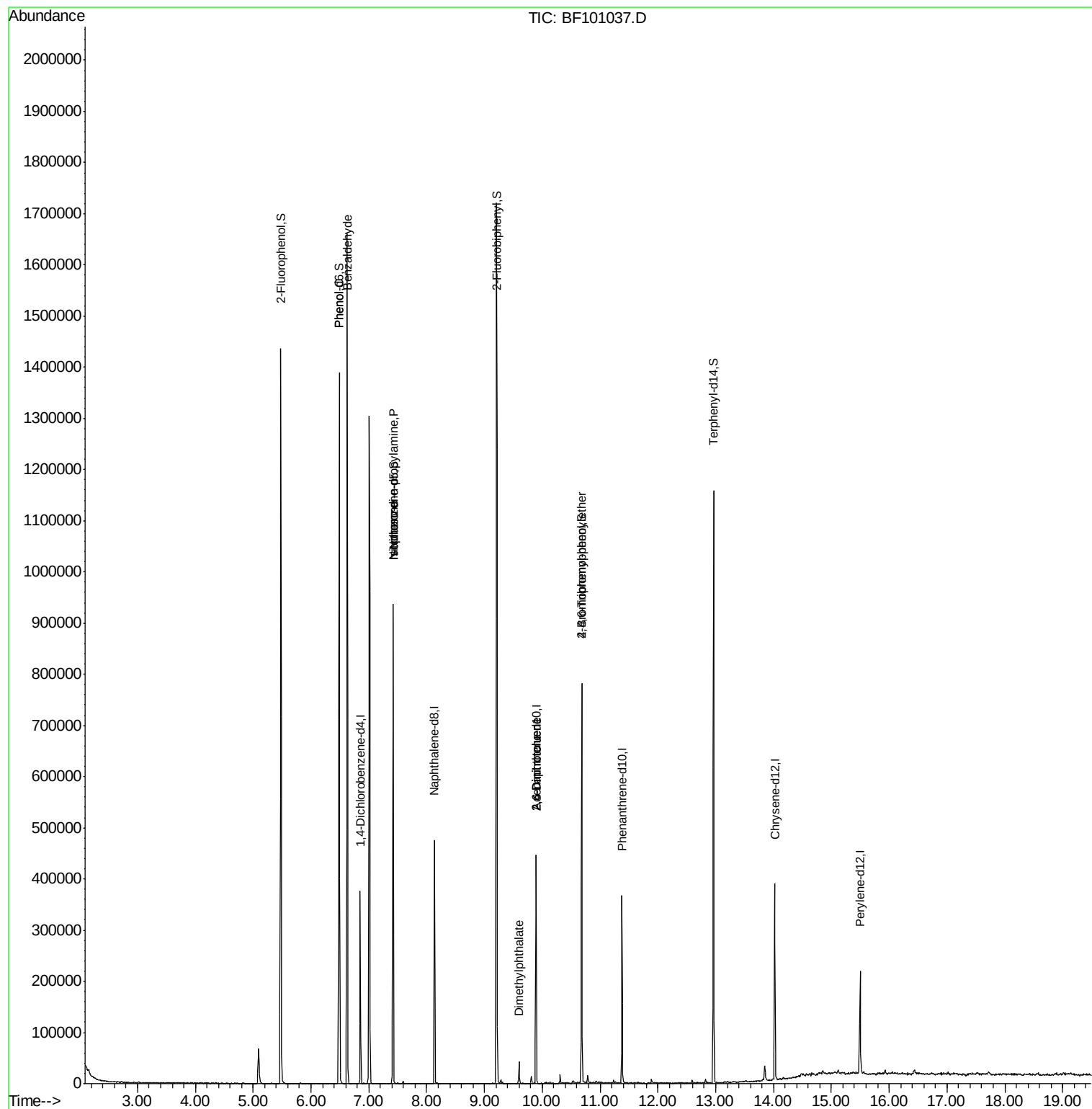
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	215973	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	86430	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	130196	20.00	ng	0.00
75) Chrysene-d12	14.02	240	131386	20.00	ng	0.00
86) Perylene-d12	15.50	264	93630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	407013	115.66	ng	0.01
7) Phenol-d6	6.49	99	492550	115.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	291942	80.64	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	95163	91.66	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	551140	87.25	ng	0.00
78) Terphenyl-d14	12.96	244	402401	66.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	8854	3.386	ng	84
10) Phenol	6.50	94	17305	3.643	ng	# 73
19) n-Nitroso-di-n-propylamine	7.42	70	37767	13.126	ng	# 83
25) Isophorone	7.42	82	291942	47.208	ng	# 64
49) Dimethylphthalate	9.60	163	19021	2.729	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	10856	7.395	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	10856	5.518	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	6103	4.188	ng	# 1

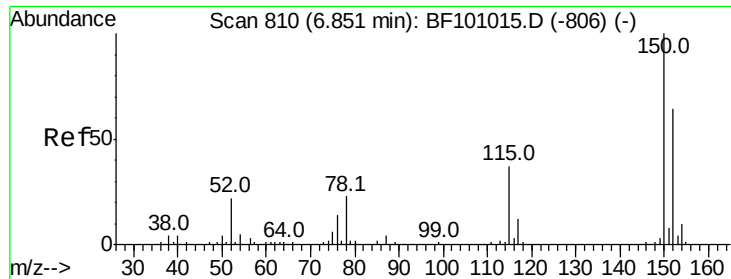
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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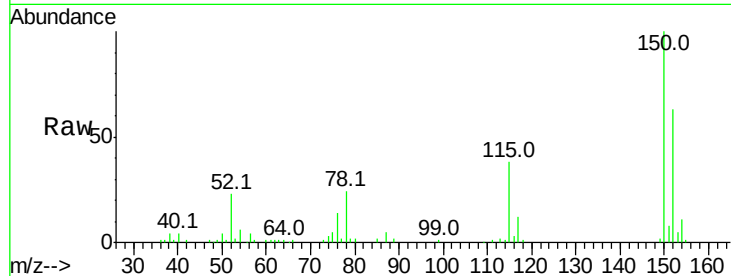


#1

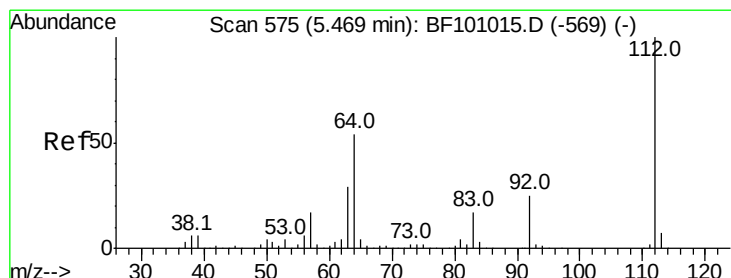
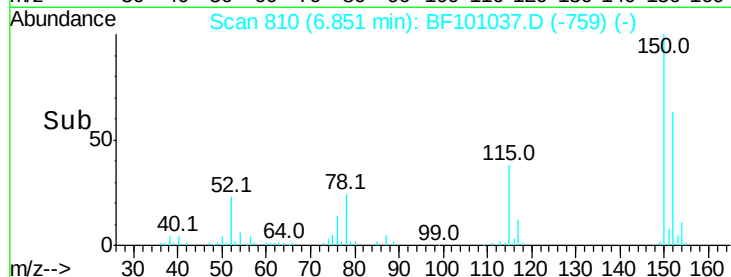
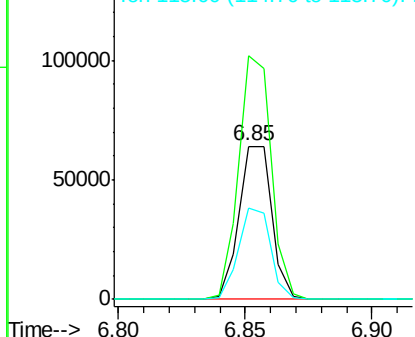
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58150
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 59.8 50.1 75.1



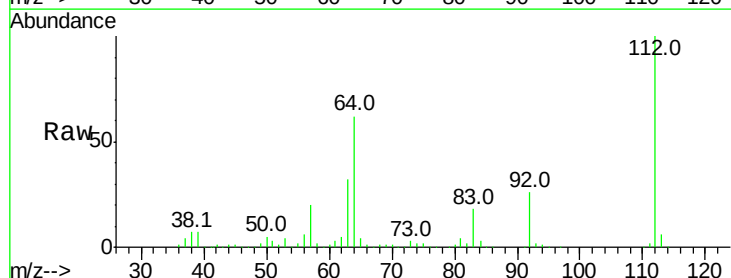
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



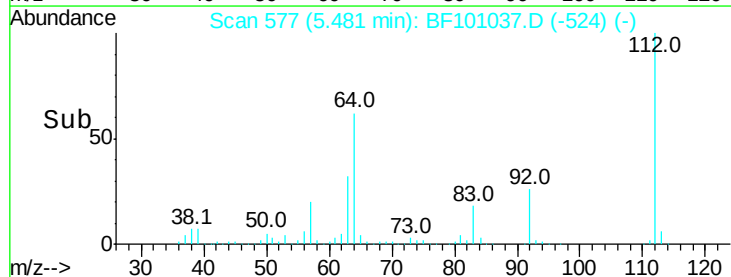
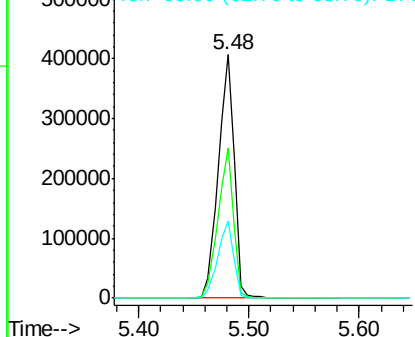
#5

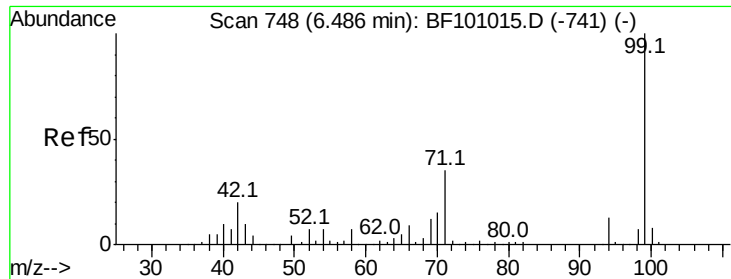
2-Fluorophenol
Concen: 115.661 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:112 Resp: 407013
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 31.6 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: 115.285 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101037.D

Acq: 1 Dec 2017 00:13

Instrument :

BNA_F

ClientSampleId :

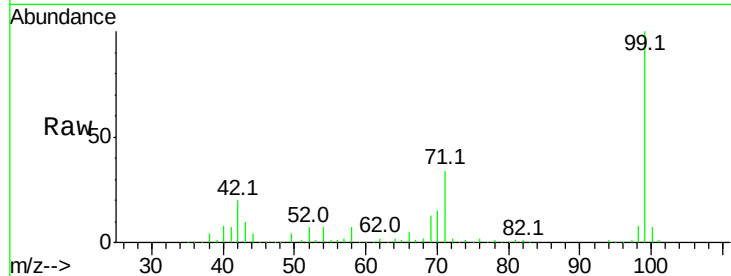
Tot Ion: 99 Resp: 492550

Ion Ratio Lower Upper

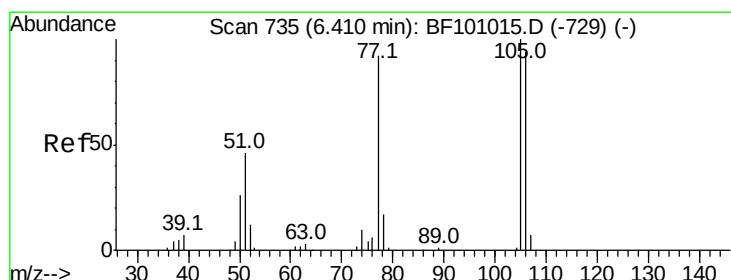
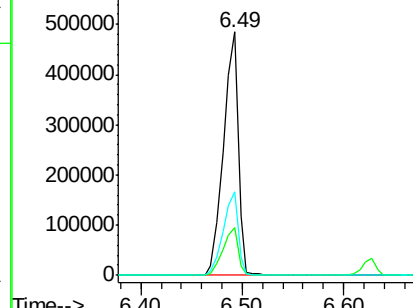
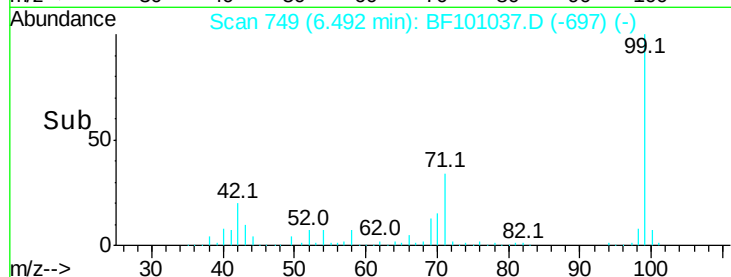
99 100

42 19.9 14.5 21.7

71 34.2 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



#9

Benzaldehyde

Concen: 3.386 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF101037.D

Acq: 1 Dec 2017 00:13

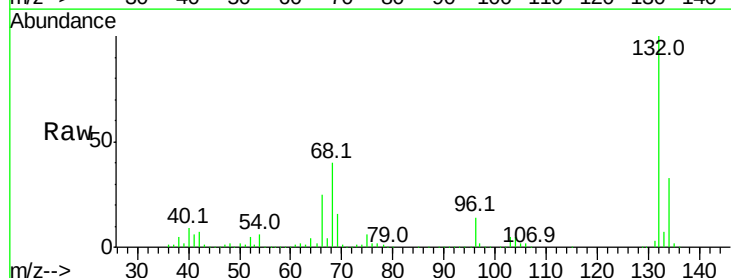
Tgt Ion: 77 Resp: 8854

Ion Ratio Lower Upper

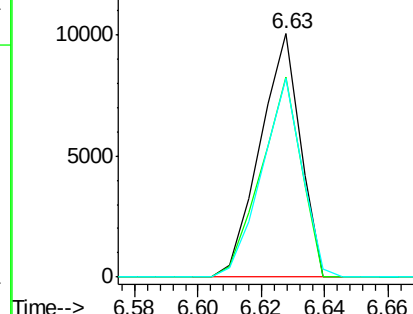
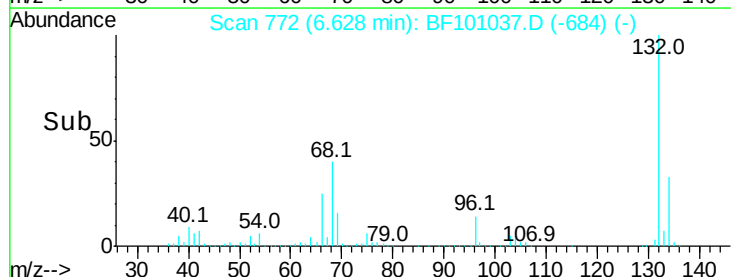
77 100

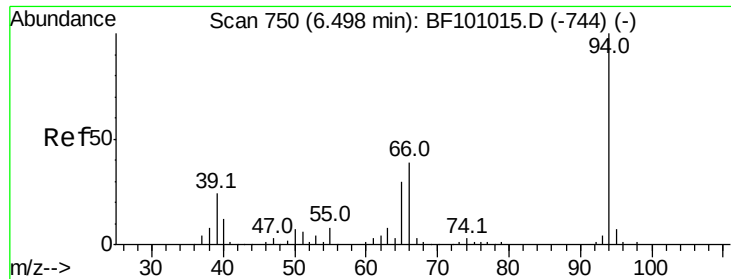
105 82.3 81.1 121.1

106 81.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

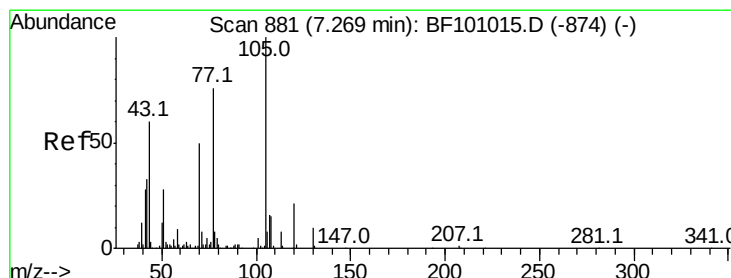
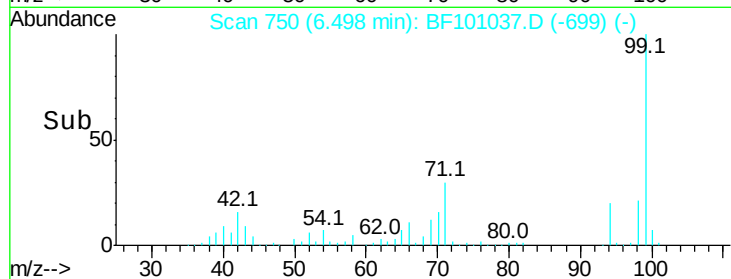
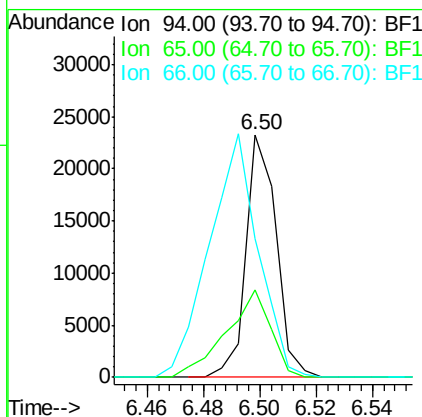
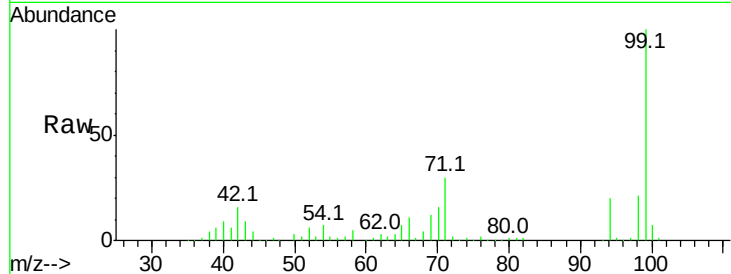




#10
Phenol
Concen: 3.643 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

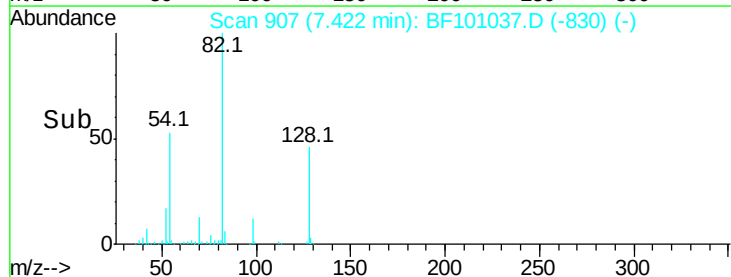
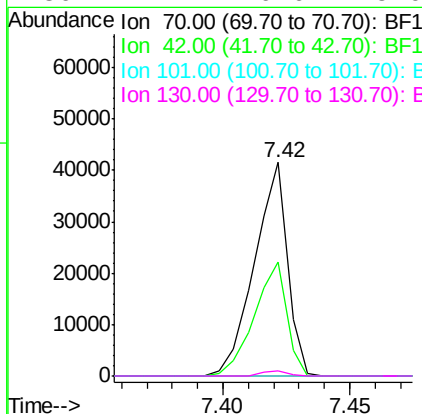
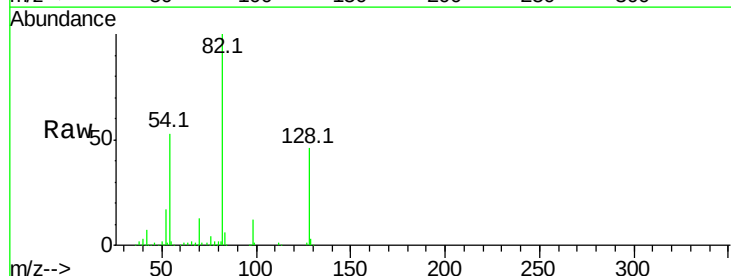
Instrument :
BNA_F
ClientSampleId :

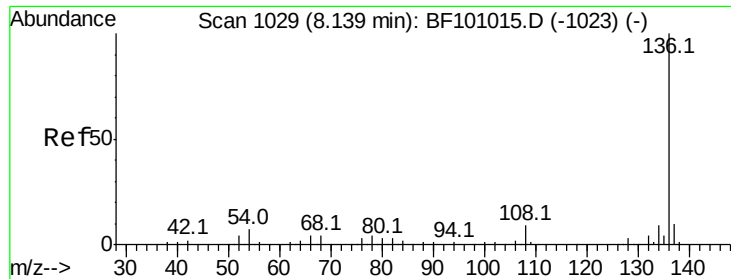
Tot Ion: 94 Resp: 17305
Ion Ratio Lower Upper
94 100
65 36.1 7.9 47.9
66 57.1 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.126 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion: 70 Resp: 37767
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

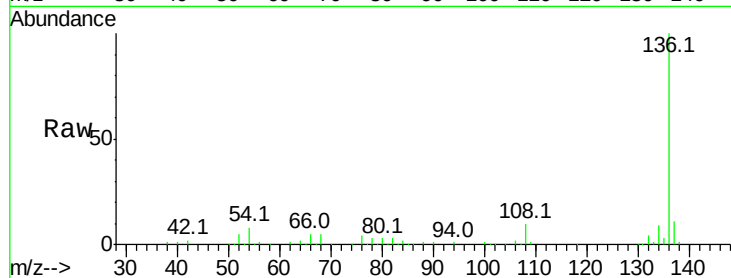




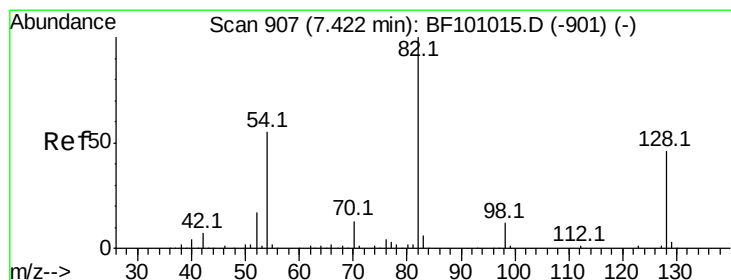
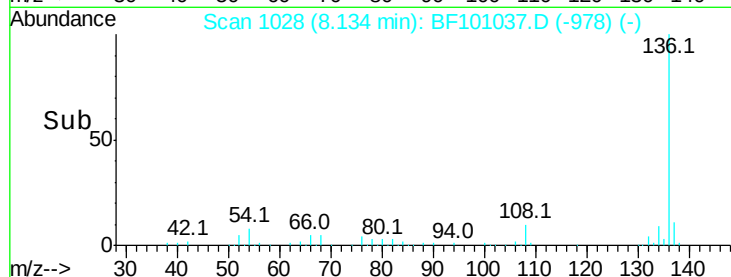
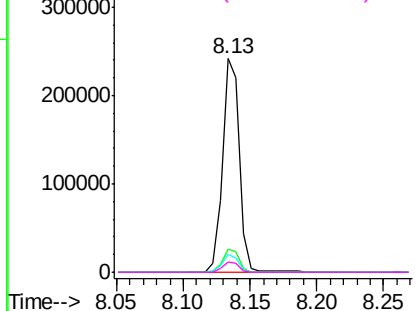
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	215973
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	5.1	5.0	7.4

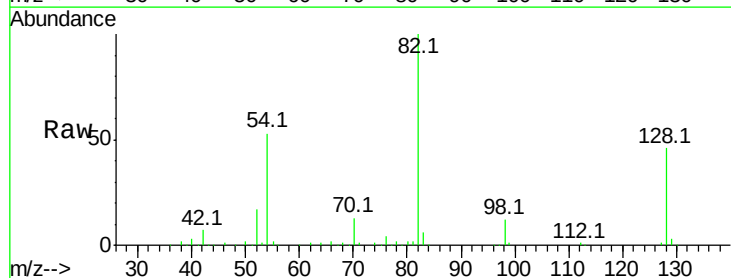


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

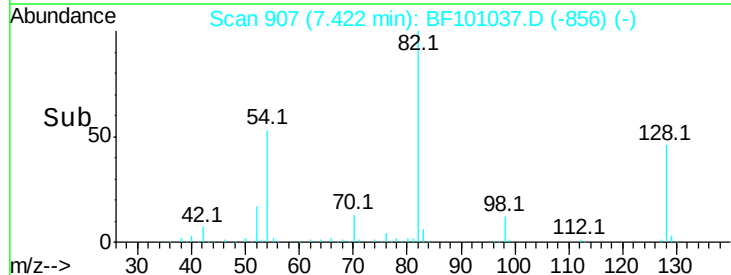
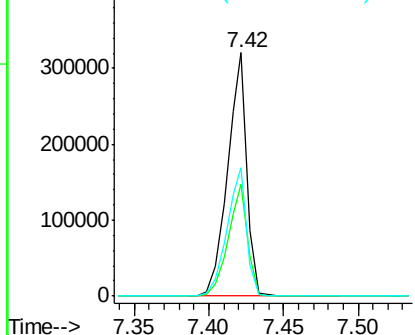


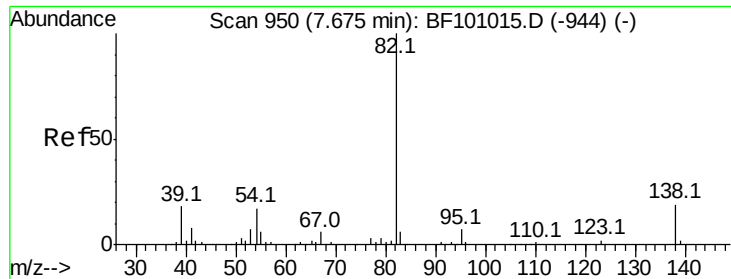
#23
Nitrobenzene-d5
Concen: 80.636 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:	82	Resp:	291942
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	52.8	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

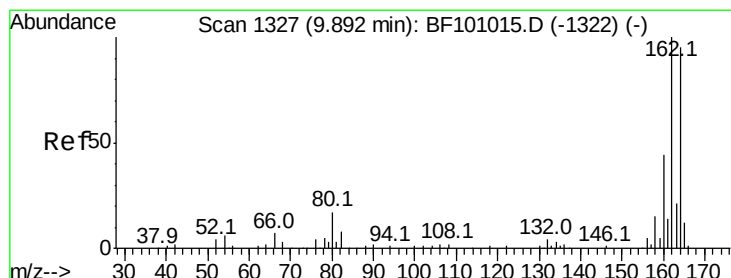
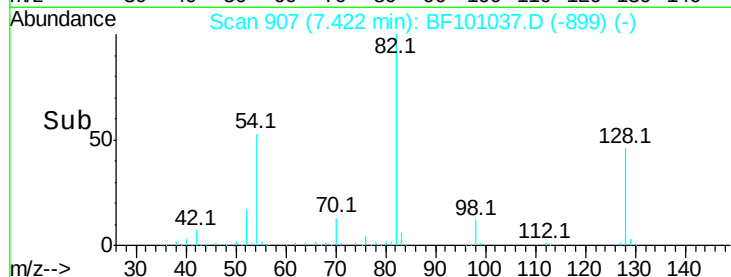
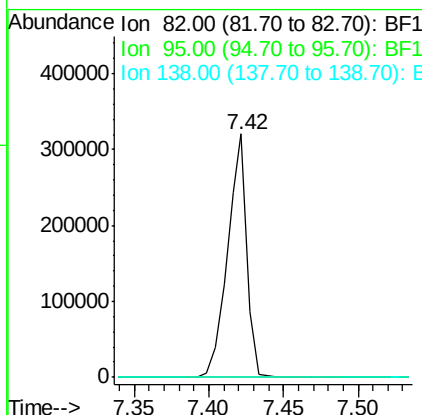
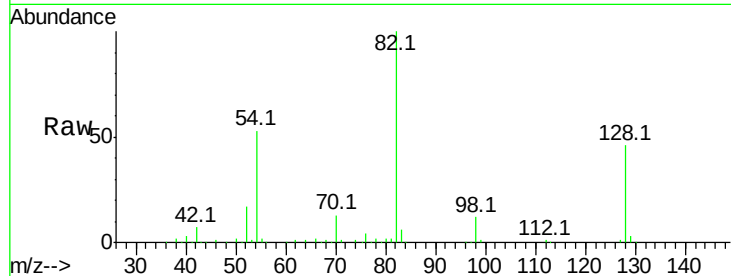




#25
Isophorone
Concen: 47.208 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

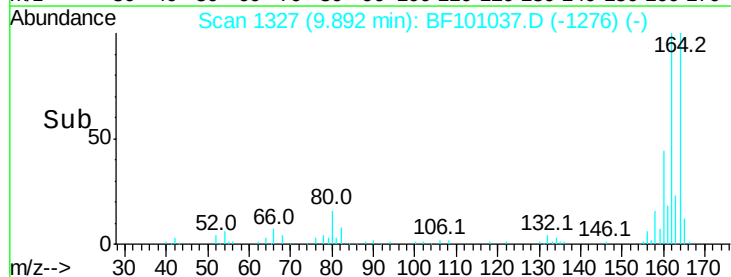
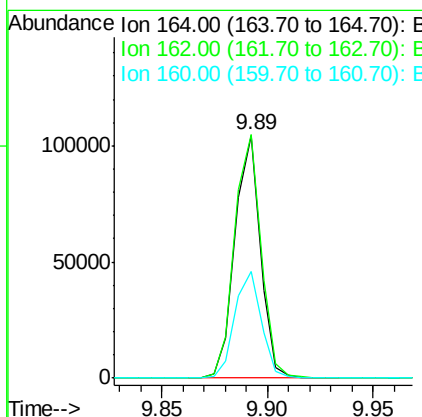
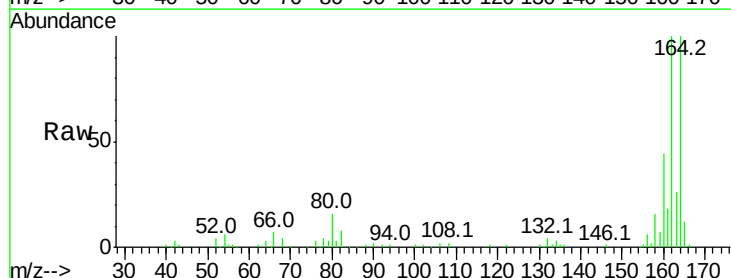
Instrument :
BNA_F
ClientSampleId :

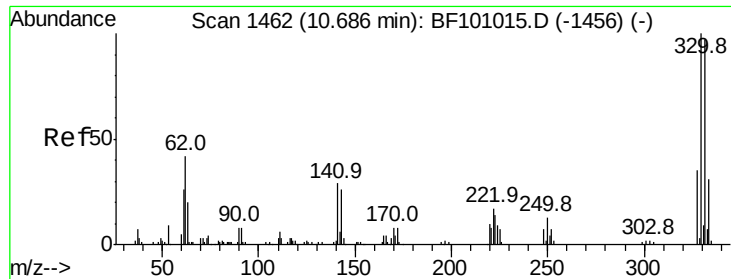
Tot Ion: 82 Resp: 291942
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:164 Resp: 86430
Ion Ratio Lower Upper
164 100
162 100.3 86.1 129.1
160 44.0 38.3 57.5

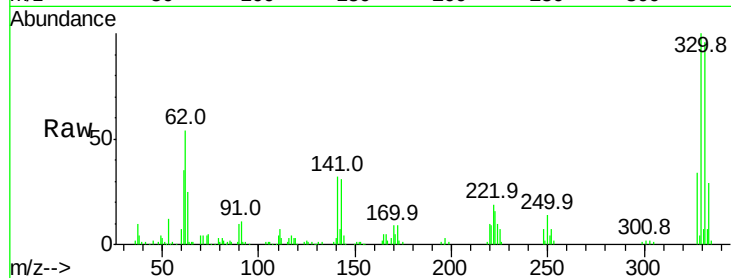




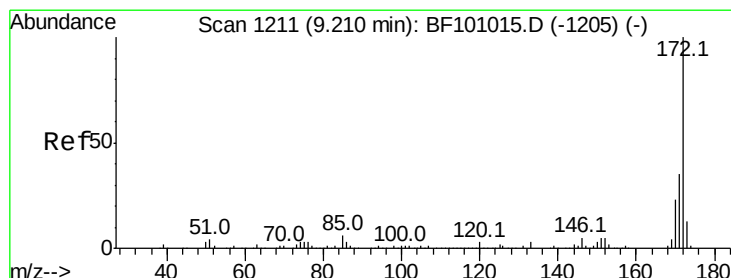
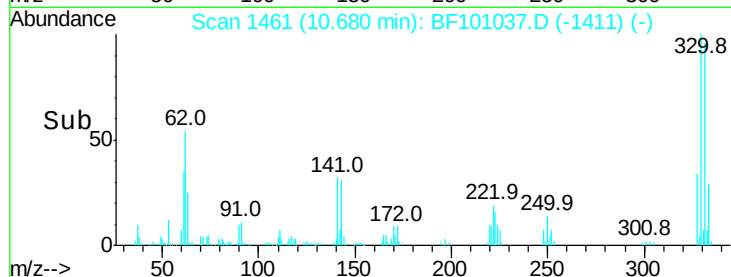
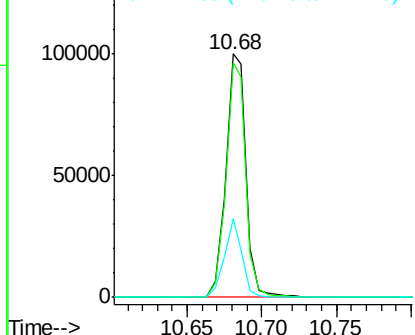
#41
 2,4,6-Tribromophenol
 Concen: 91.655 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 95163
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 28.3 29.9 44.9#

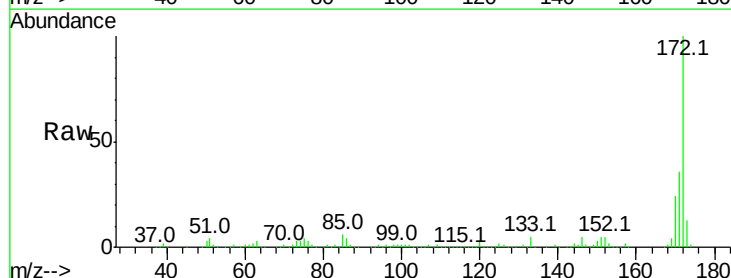


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

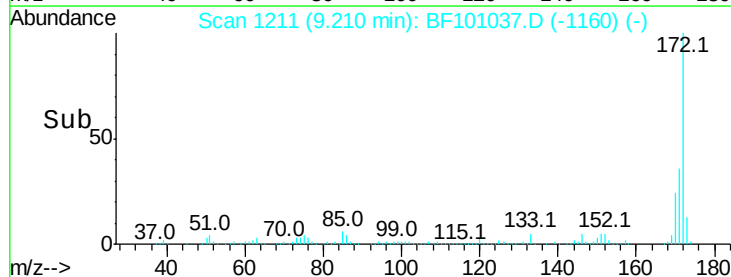
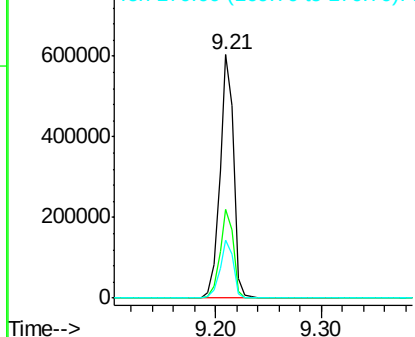


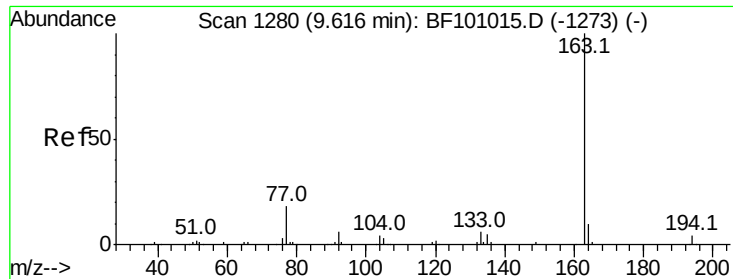
#44
 2-Fluorobiphenyl
 Concen: 87.246 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Tgt Ion:172 Resp: 551140
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

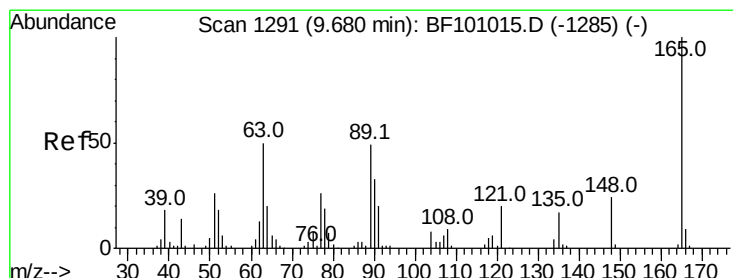
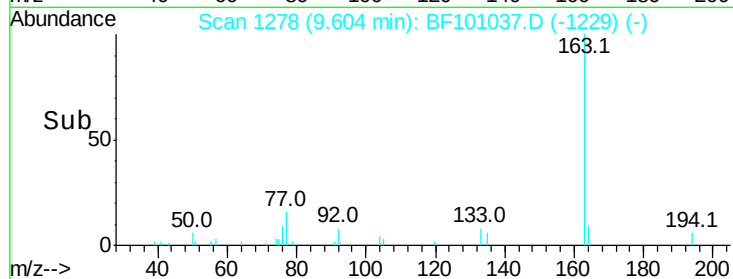
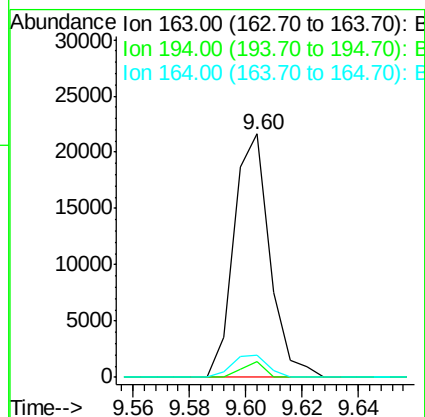
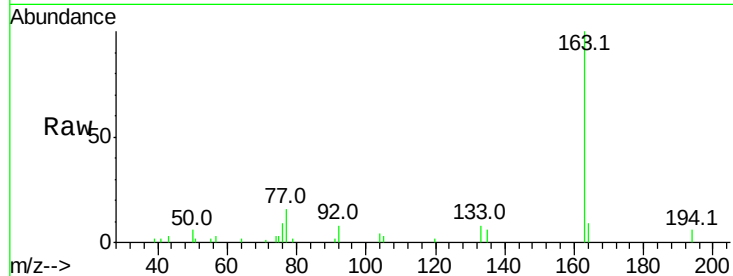




#49
Dimethylphthalate
Concen: 2.729 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

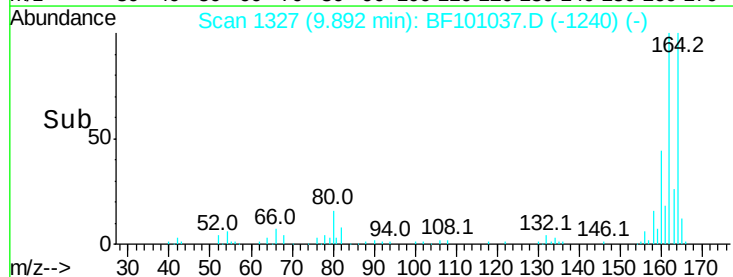
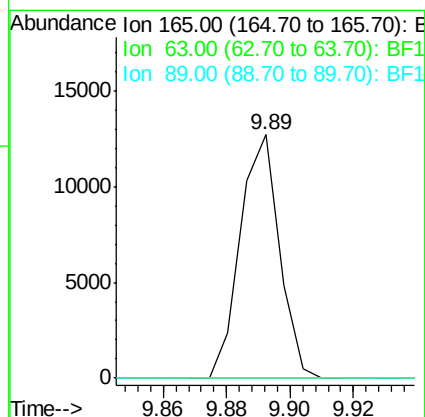
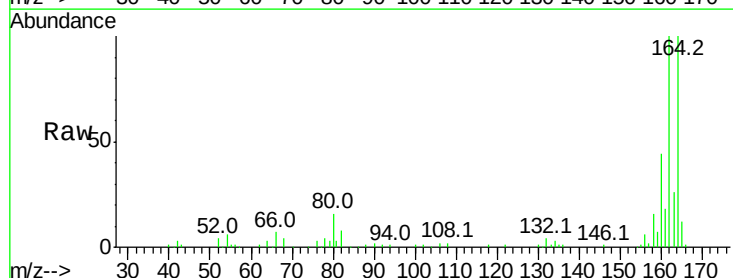
Instrument :
BNA_F
ClientSampleId :

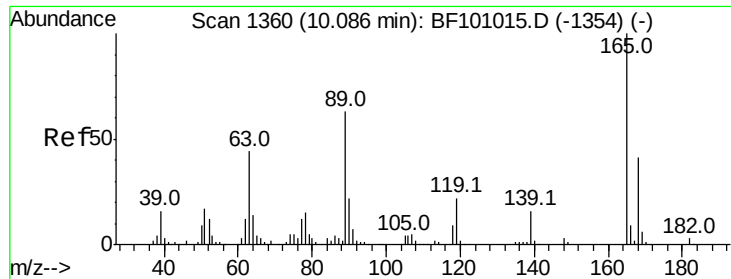
Tot Ion:163 Resp: 19021
Ion Ratio Lower Upper
163 100
194 6.4 2.7 4.1#
164 9.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.395 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101037.D
Acq: 1 Dec 2017 00:13

Tgt Ion:165 Resp: 10856
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

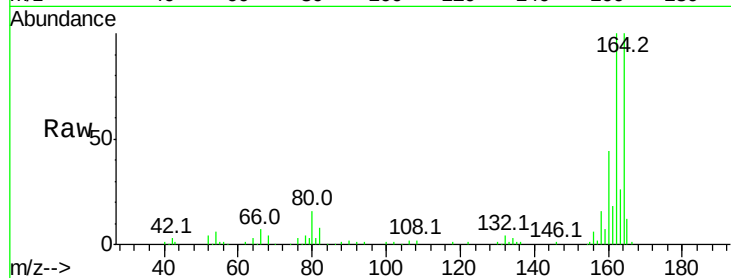




#56
 2,4-Dinitrotoluene
 Concen: 5.518 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	10856
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#

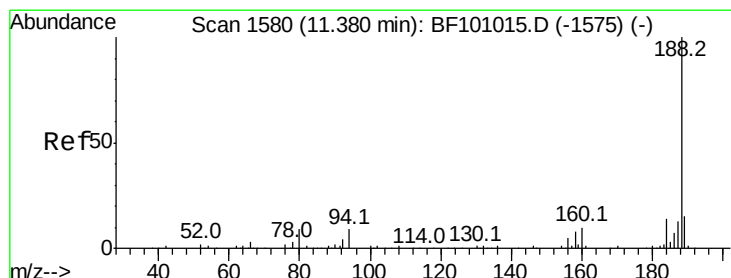
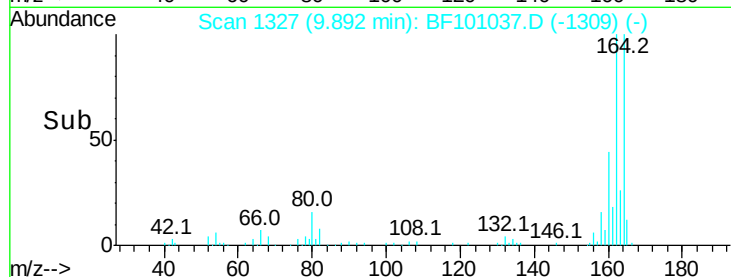
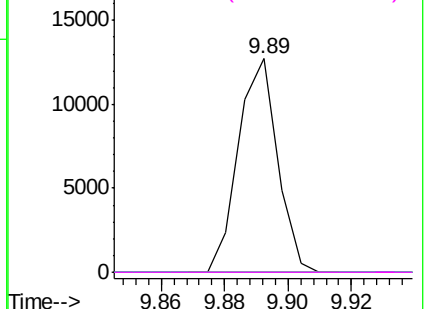


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

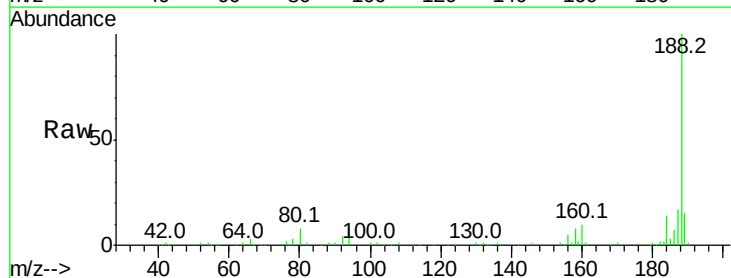
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

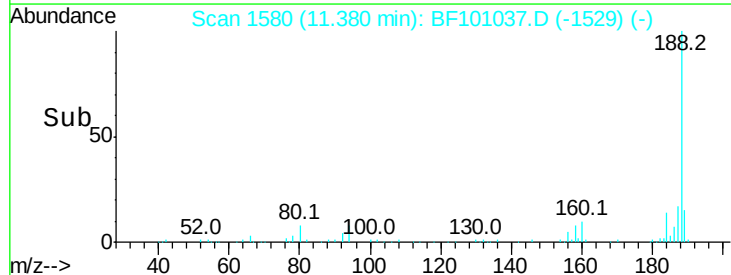
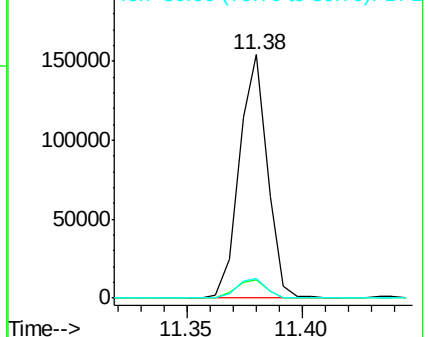
Tgt Ion:188	Resp:	130196
Ion Ratio	Lower	Upper
188	100	
94	7.7	8.5 12.7#
80	8.3	9.2 13.8#

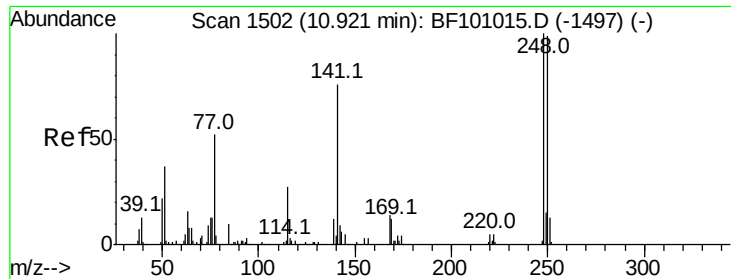


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

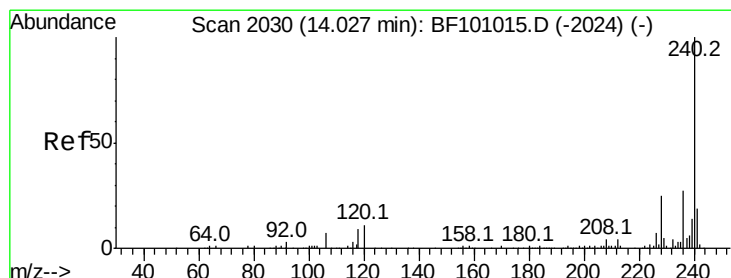
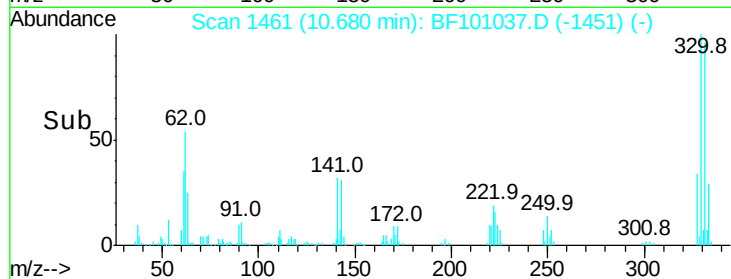
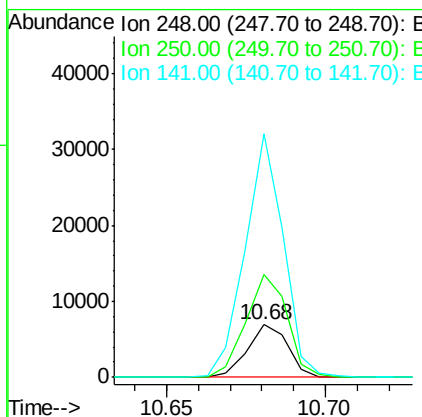
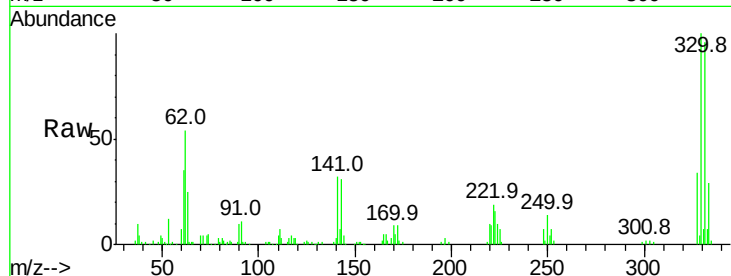




#66
 4-Bromophenyl-phenylether
 Concen: 4.188 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

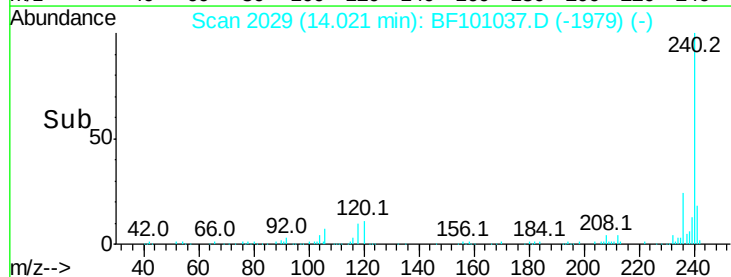
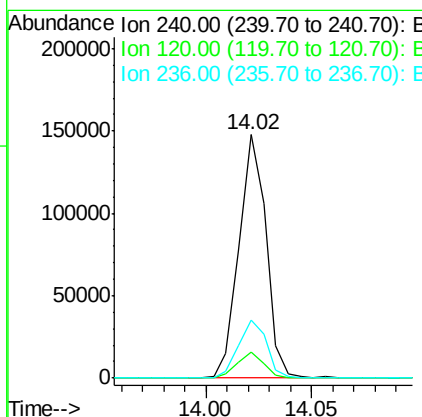
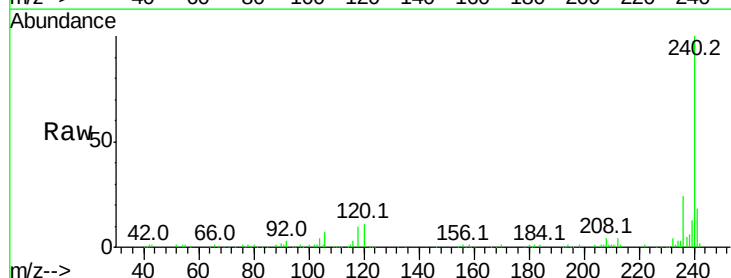
Instrument :
 BNA_F
 ClientSampleId :

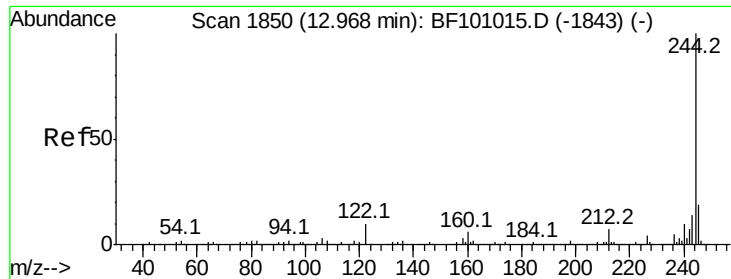
Tot Ion:248 Resp: 6103
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 464.2 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Tgt Ion:240 Resp: 131386
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 23.8 20.7 31.1

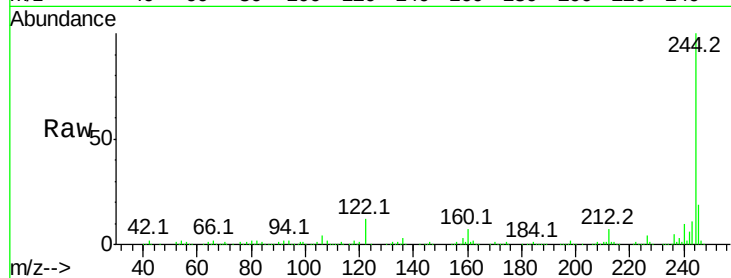




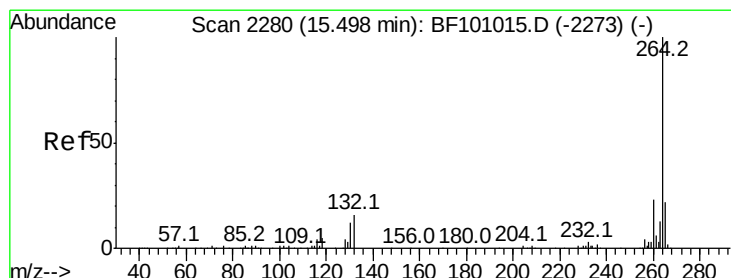
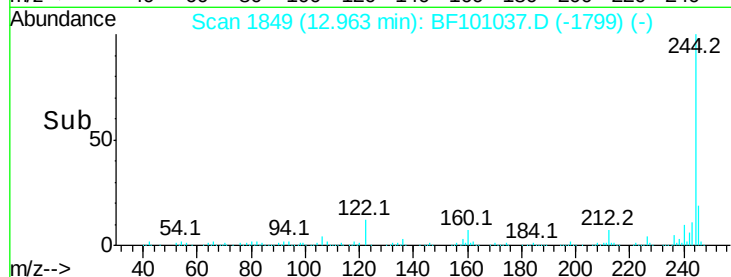
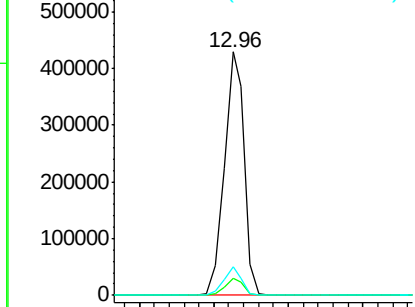
#78
 Terphenyl-d14
 Concen: 66.990 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 402401
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4

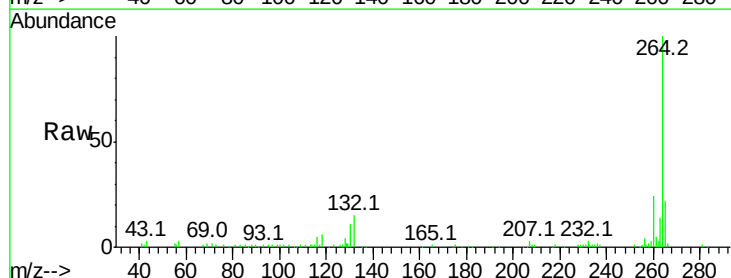


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101037.D
 Acq: 1 Dec 2017 00:13

Tgt Ion:264 Resp: 93630
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.9 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

