

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101223.D
 Acq On : 7 Dec 2017 23:23
 Operator : SJ/JU
 Sample : I6731-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 02:09:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

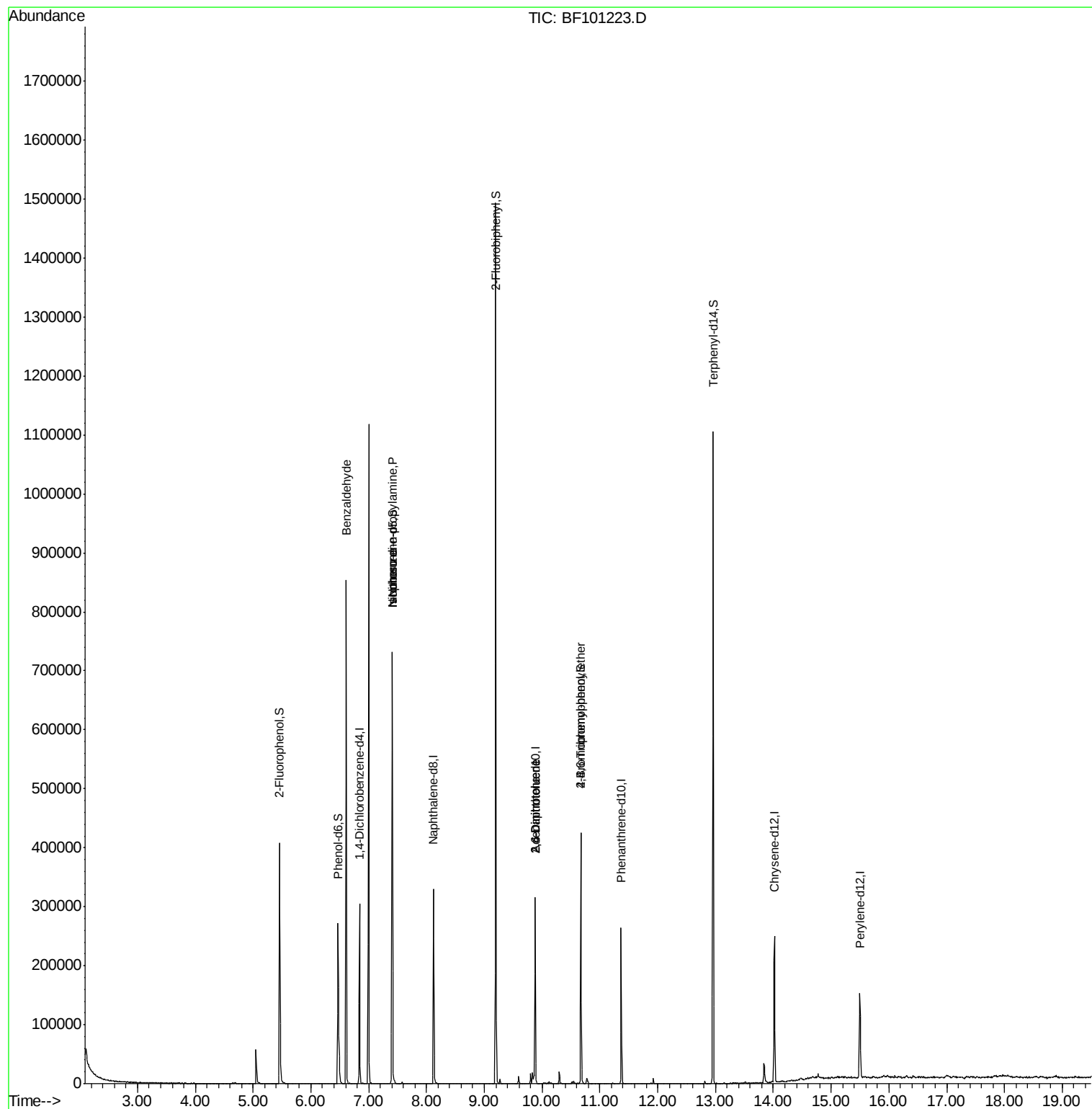
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41889	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	146758	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59604	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	102608	20.00	ng	0.00
75) Chrysene-d12	14.02	240	86788	20.00	ng	0.00
86) Perylene-d12	15.50	264	67476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	115732	45.65	ng	0.00
7) Phenol-d6	6.47	99	85964	27.93	ng	-0.01
23) Nitrobenzene-d5	7.41	82	232275	94.41	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	54806	76.54	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	471697	108.28	ng	-0.01
78) Terphenyl-d14	12.96	244	370670	93.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	3955	2.100	ng	85
19) n-Nitroso-di-n-propylamine	7.41	70	30380	14.657	ng	# 80
25) Isophorone	7.41	82	232271	55.273	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	7287	7.197	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	7287	5.371	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3367	2.932	ng	# 1

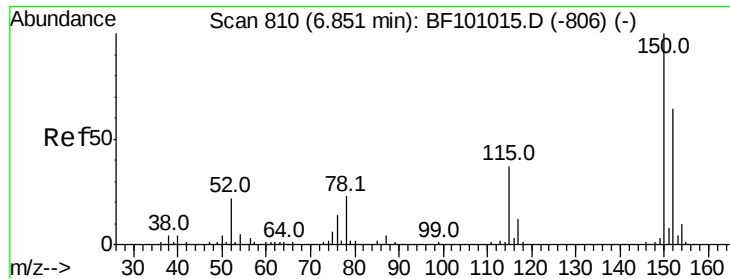
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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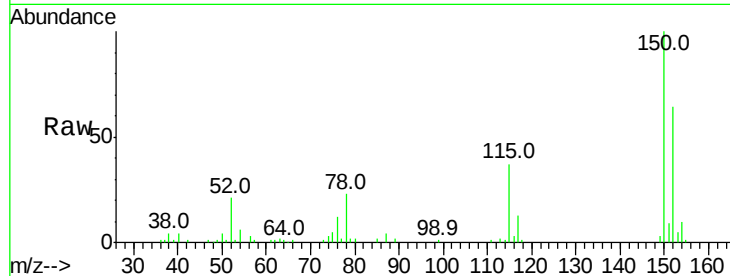


#1

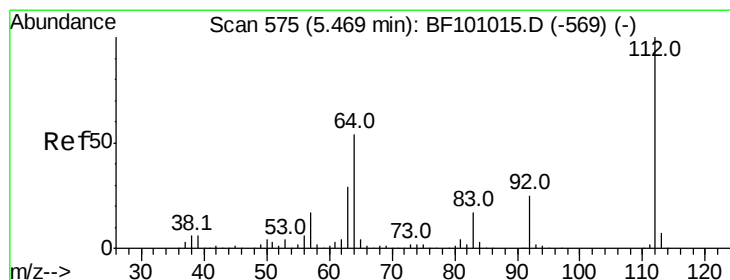
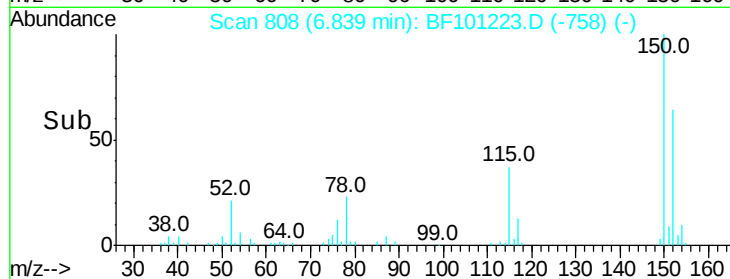
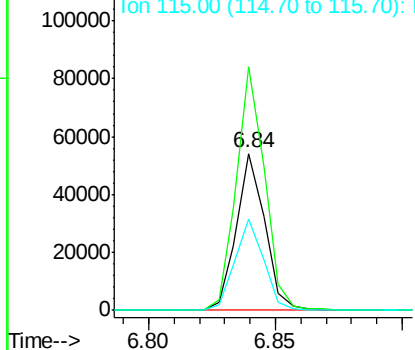
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41889
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.8 50.1 75.1



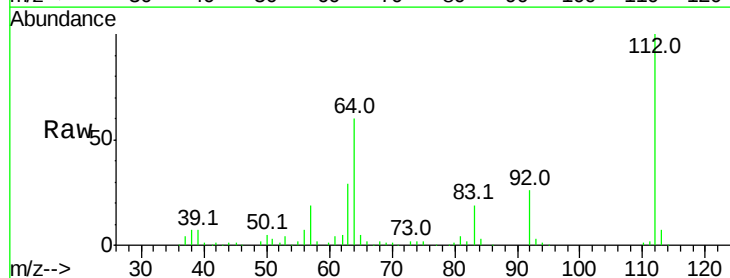
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



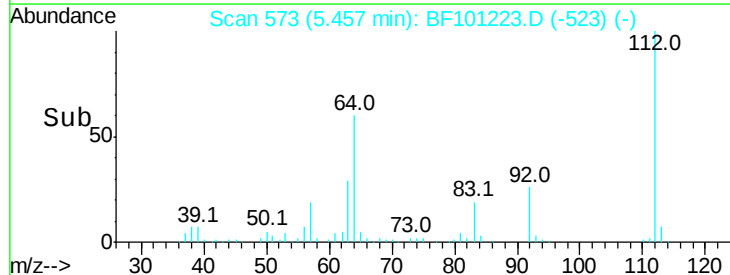
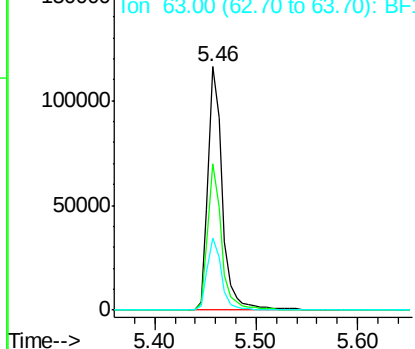
#5

2-Fluorophenol
Concen: 45.654 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Tgt Ion:112 Resp: 115732
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 29.4 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: 27.931 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101223.D

Acq: 7 Dec 2017 23:23

Instrument :

BNA_F

ClientSampleId :

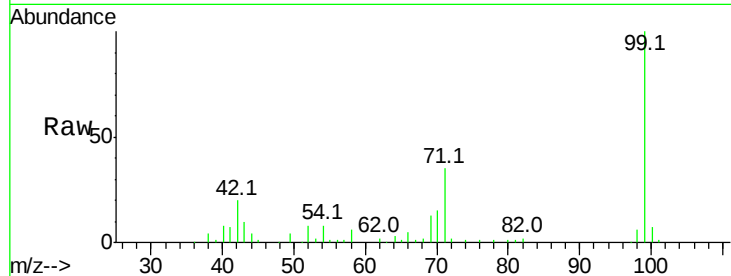
Tot Ion: 99 Resp: 85964

Ion Ratio Lower Upper

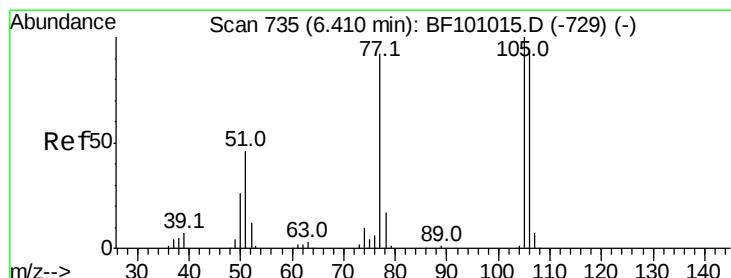
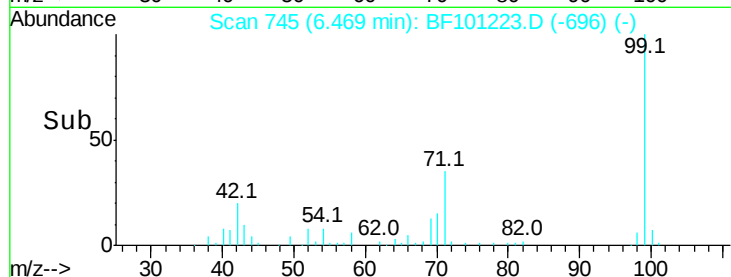
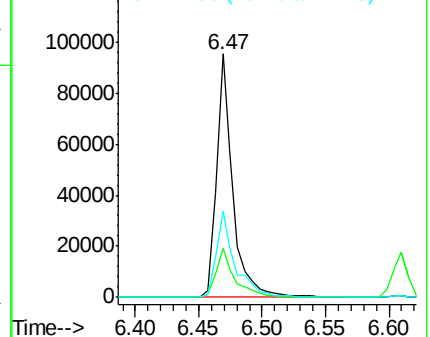
99 100

42 20.4 14.5 21.7

71 35.1 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



#9

Benzaldehyde

Concen: 2.100 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101223.D

Acq: 7 Dec 2017 23:23

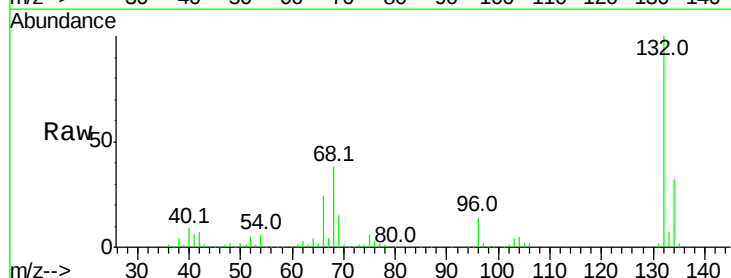
Tgt Ion: 77 Resp: 3955

Ion Ratio Lower Upper

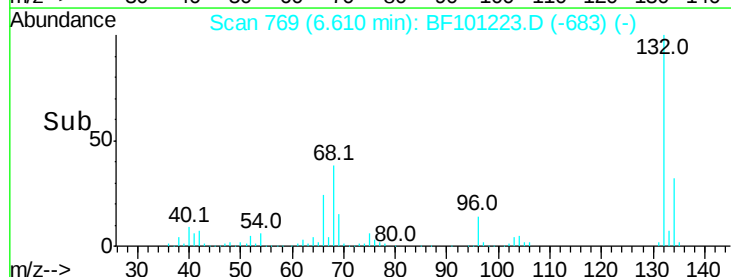
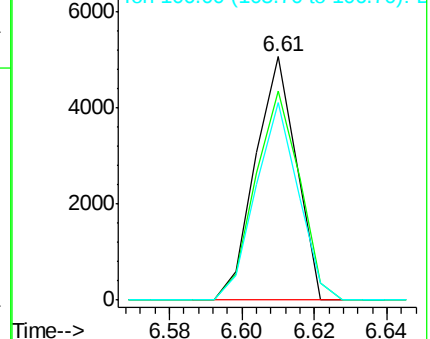
77 100

105 86.0 81.1 121.1

106 81.0 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

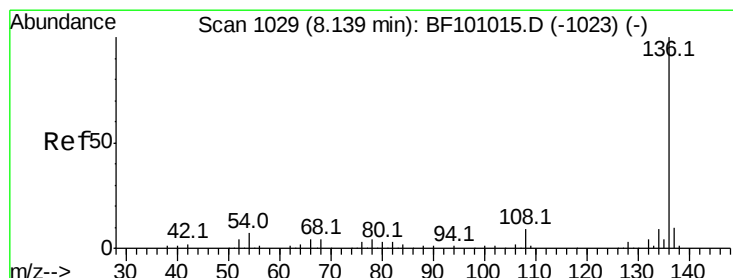
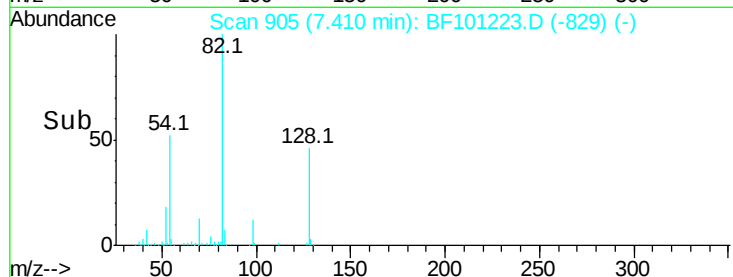
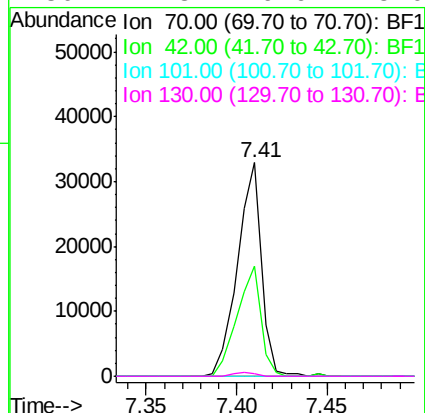
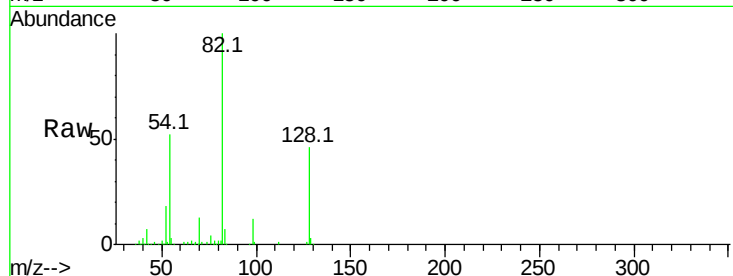




#19
n-Nitroso-di-n-propylamine
Concen: 14.657 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

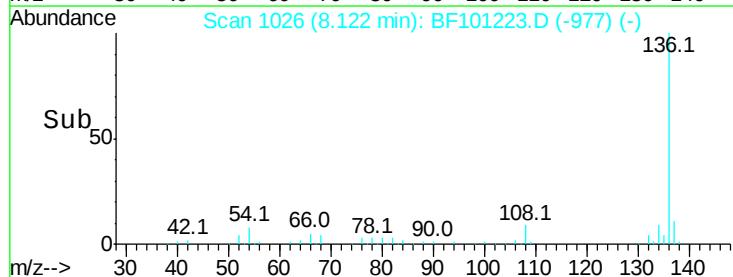
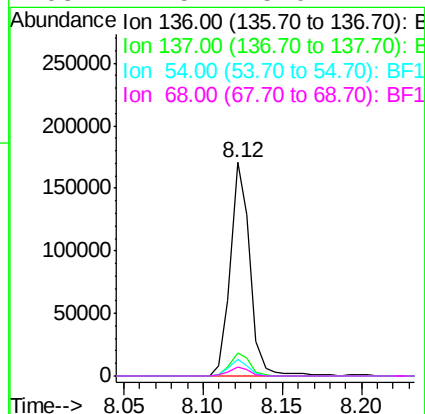
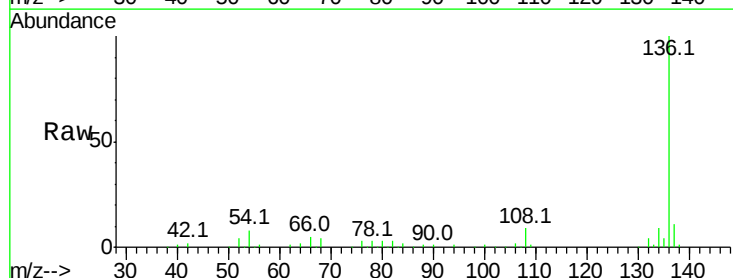
Instrument :
BNA_F
ClientSampleId :

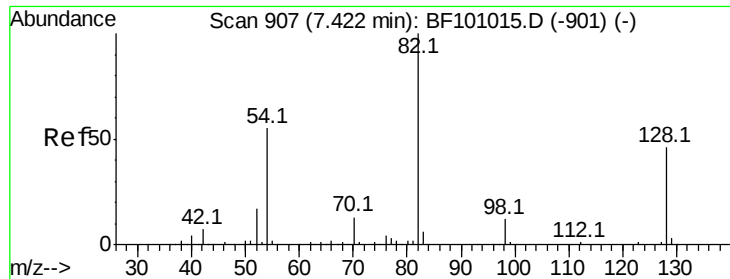
Tot Ion: 70 Resp: 30380
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Tgt Ion:136 Resp: 146758
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.6 9.8
68 4.5 5.0 7.4#

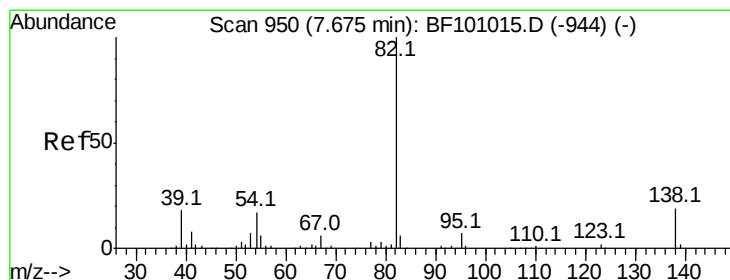
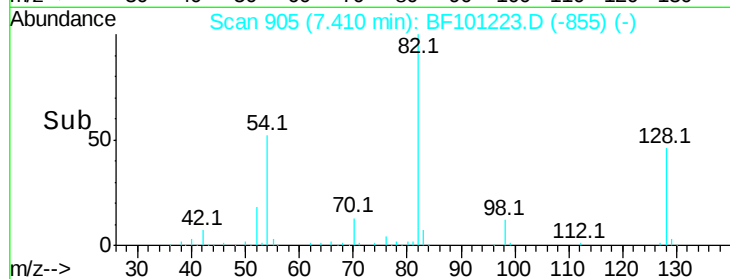
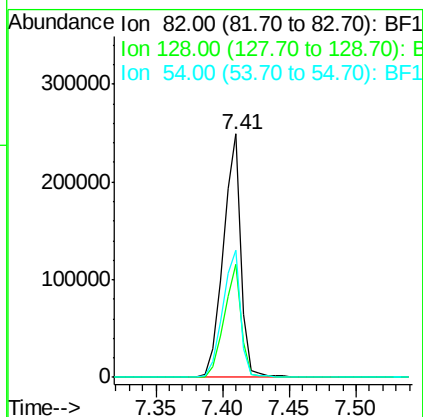
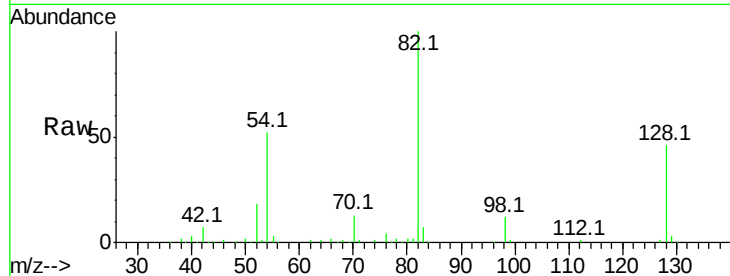




#23
Nitrobenzene-d5
Concen: 94.413 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

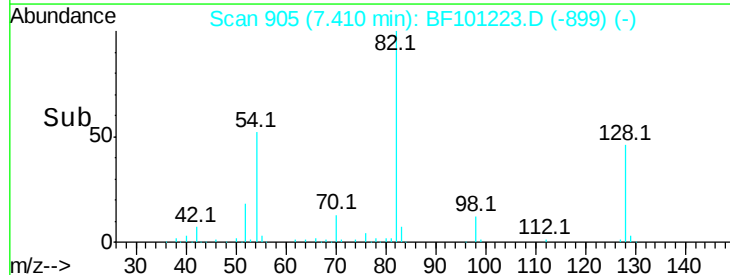
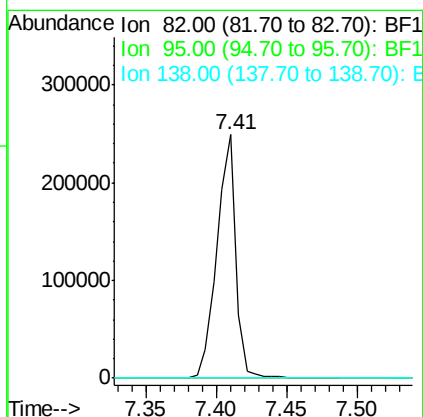
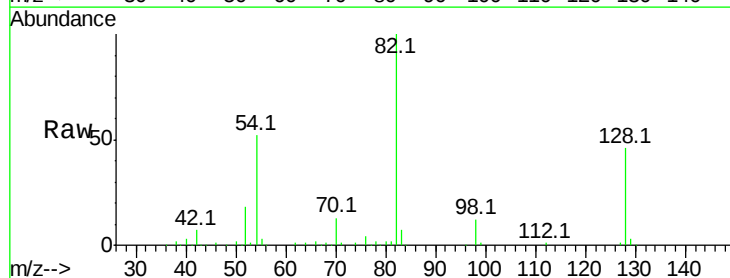
Instrument :
BNA_F
ClientSampleId :

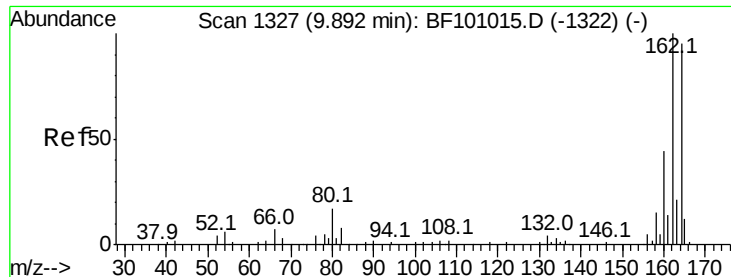
Tot Ion	82	Resp	232275
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	52.2	41.4	62.2



#25
Isophorone
Concen: 55.273 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Tgt Ion	82	Resp	232271
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

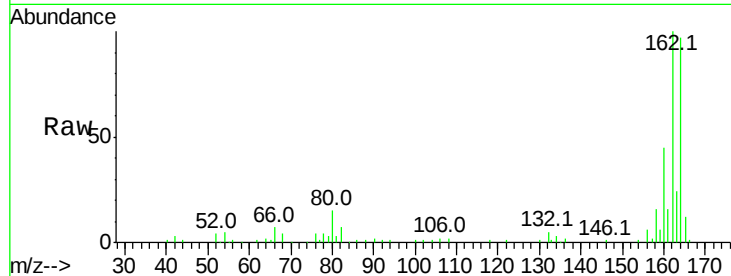




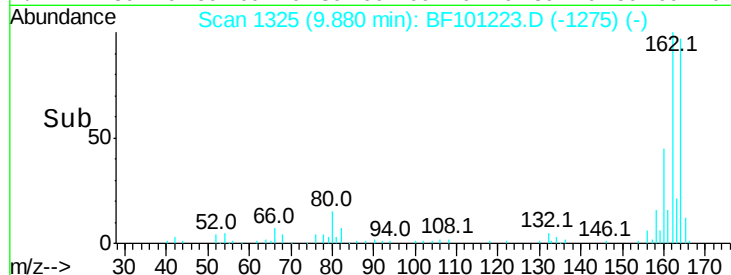
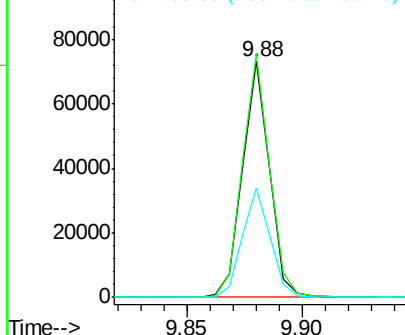
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 59604
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.3 38.3 57.5

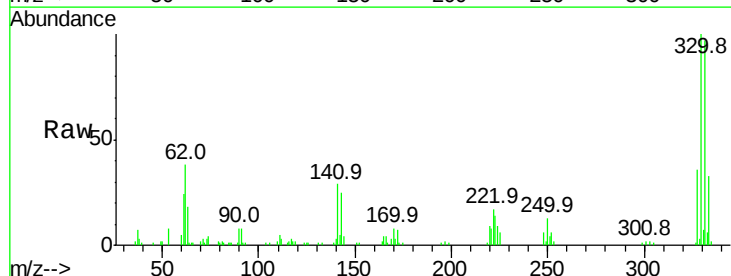


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

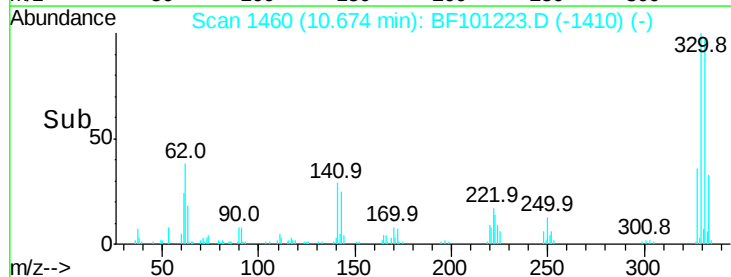
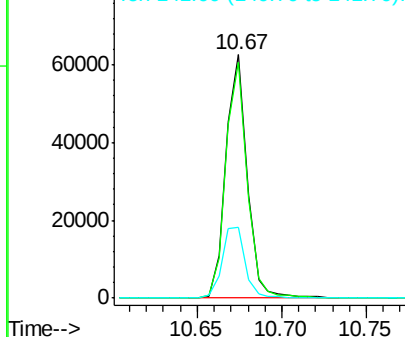


#41
 2,4,6-Tribromophenol
 Concen: 76.543 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Tgt Ion:330 Resp: 54806
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 31.4 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

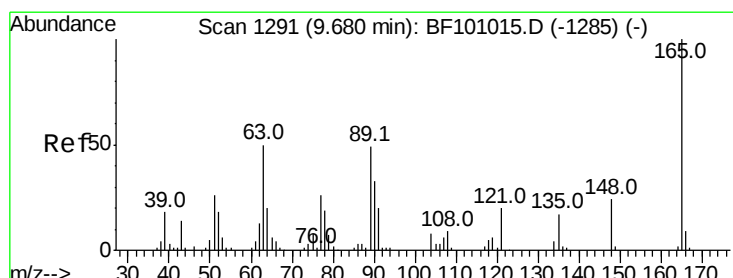
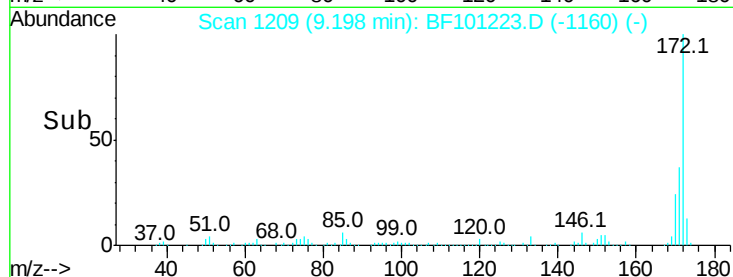
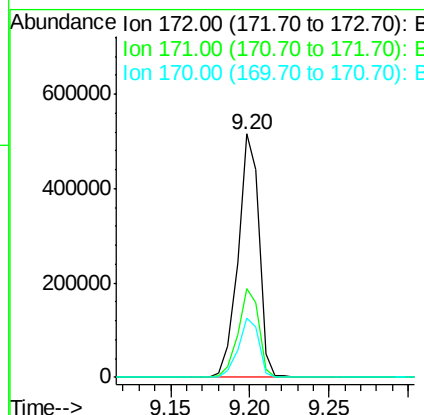
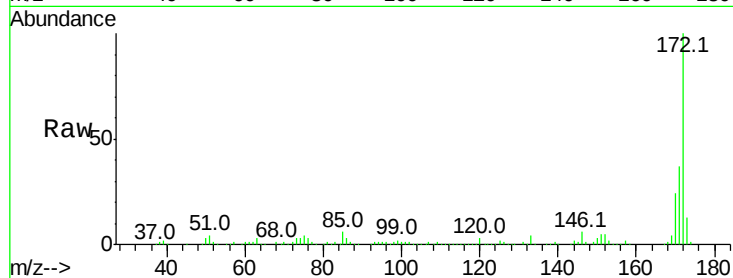




#44
 2-Fluorobiphenyl
 Concen: 108.277 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

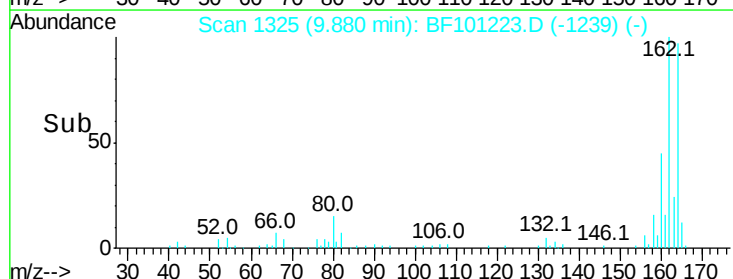
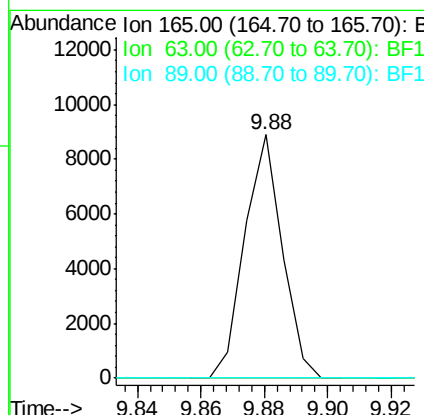
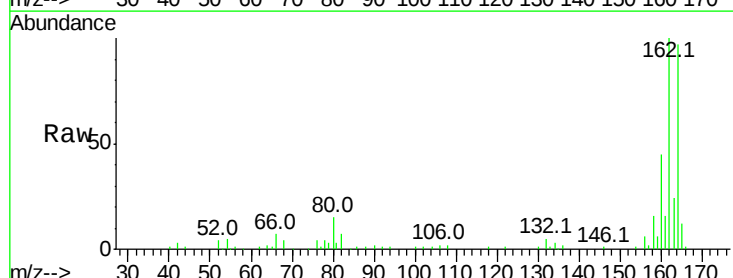
Instrument :
 BNA_F
 ClientSampleId :

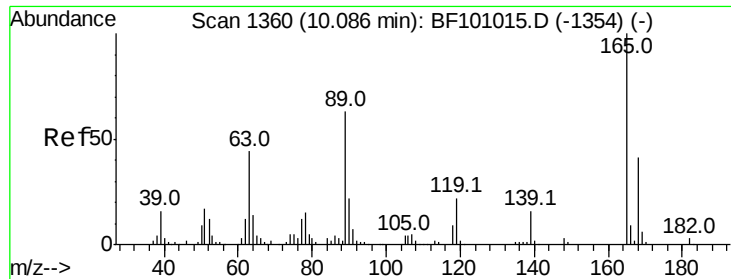
Tot Ion:172 Resp: 471697
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.1 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.197 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Tgt Ion:165 Resp: 7287
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

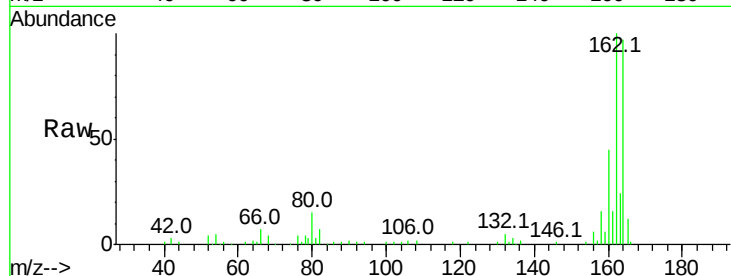




#56
 2,4-Dinitrotoluene
 Concen: 5.371 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Instrument :
 BNA_F
 ClientSampled :

Tot 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#

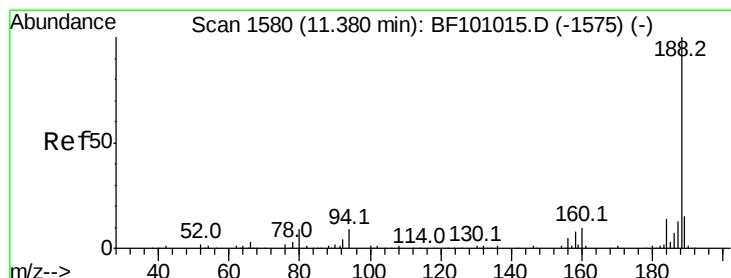
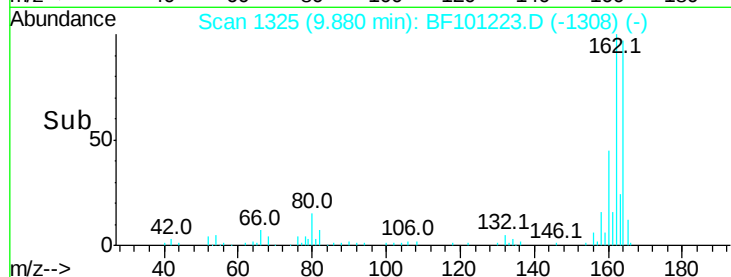
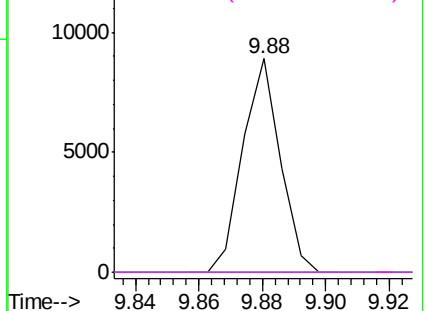


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

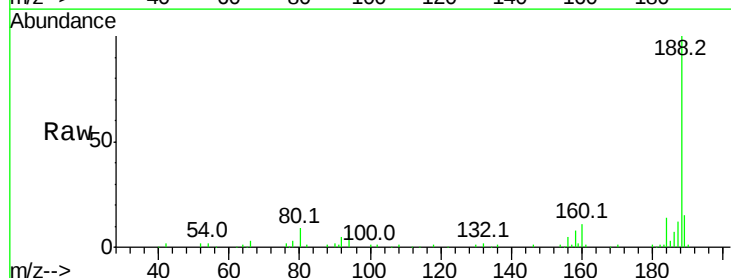
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

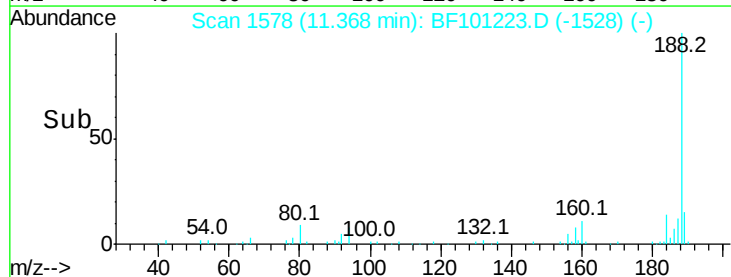
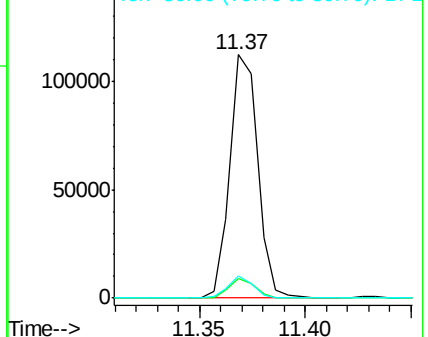
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.9	9.2	13.8#

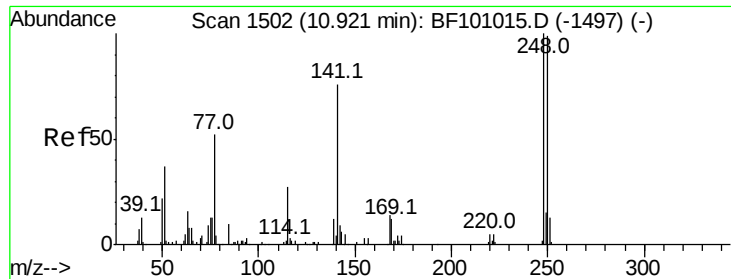


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

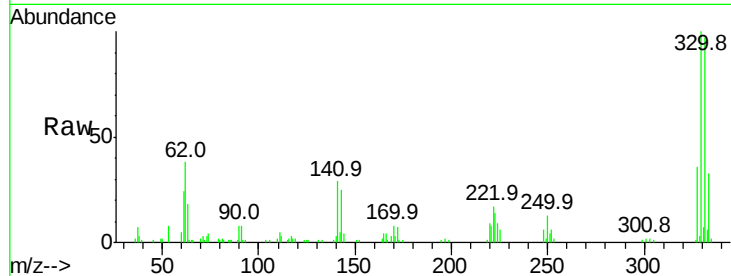




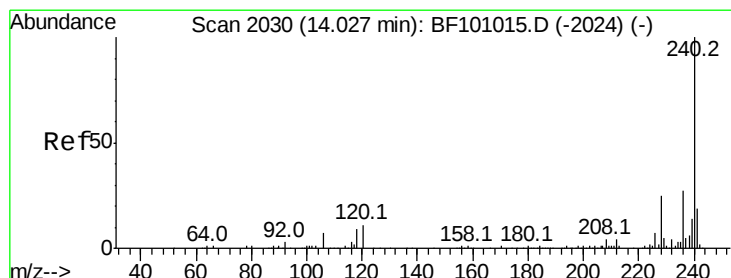
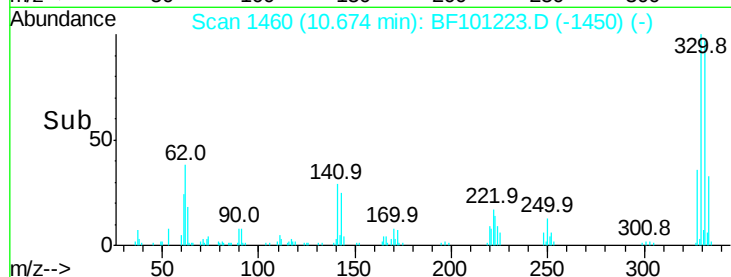
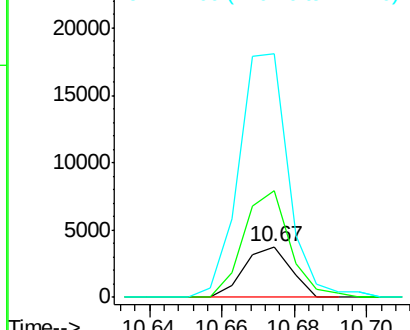
#66
4-Bromophenyl-phenylether
Concen: 2.932 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 3367
Ion Ratio Lower Upper
248 100
250 211.2 76.9 115.3#
141 483.2 74.4 111.6#

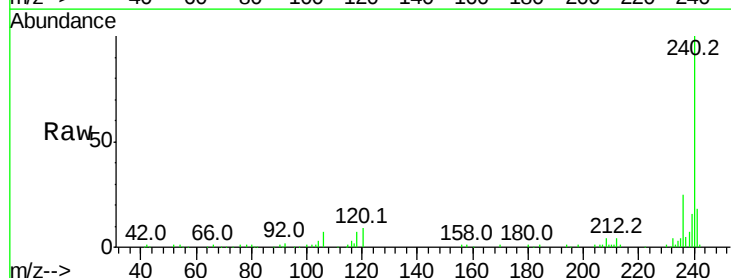


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

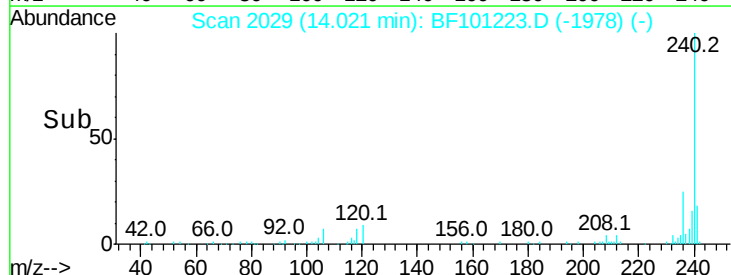
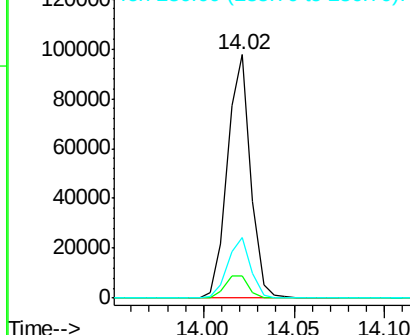


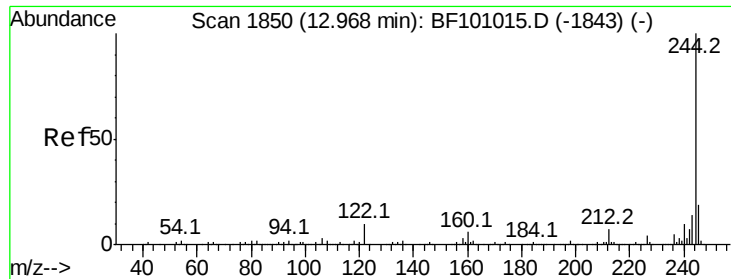
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Tgt Ion:240 Resp: 86788
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 24.8 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

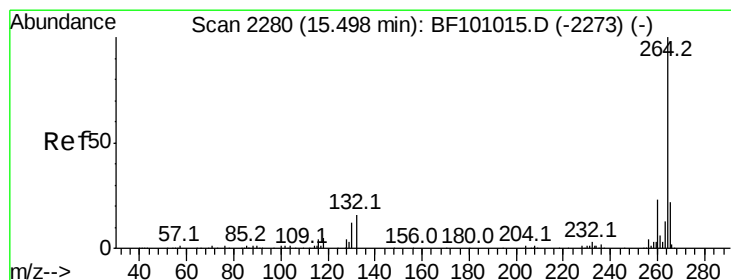
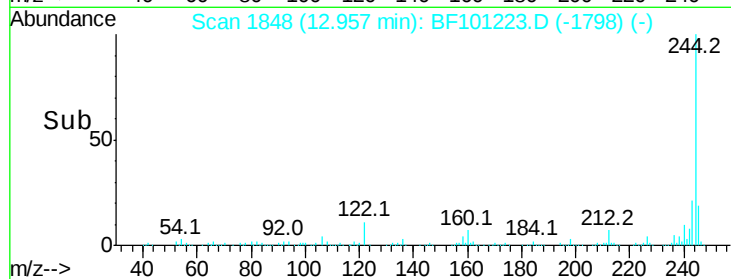
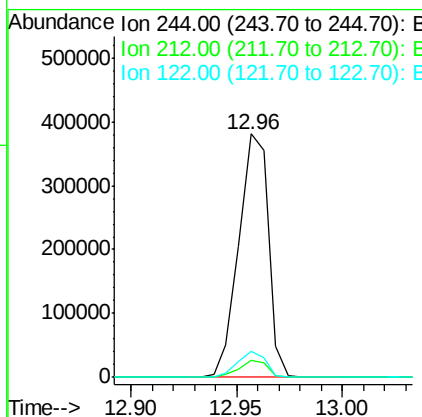
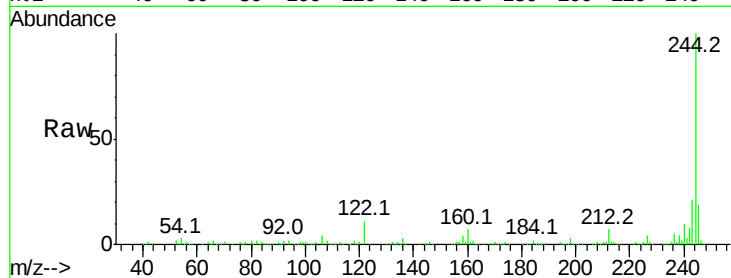




#78
 Terphenyl-d14
 Concen: 93.418 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 370670
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Tgt Ion:264 Resp: 67476
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.3 17.5 26.3

