

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102354.D
 Acq On : 23 Jan 2018 20:51
 Operator : SJ/JU
 Sample : J1015-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:45:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

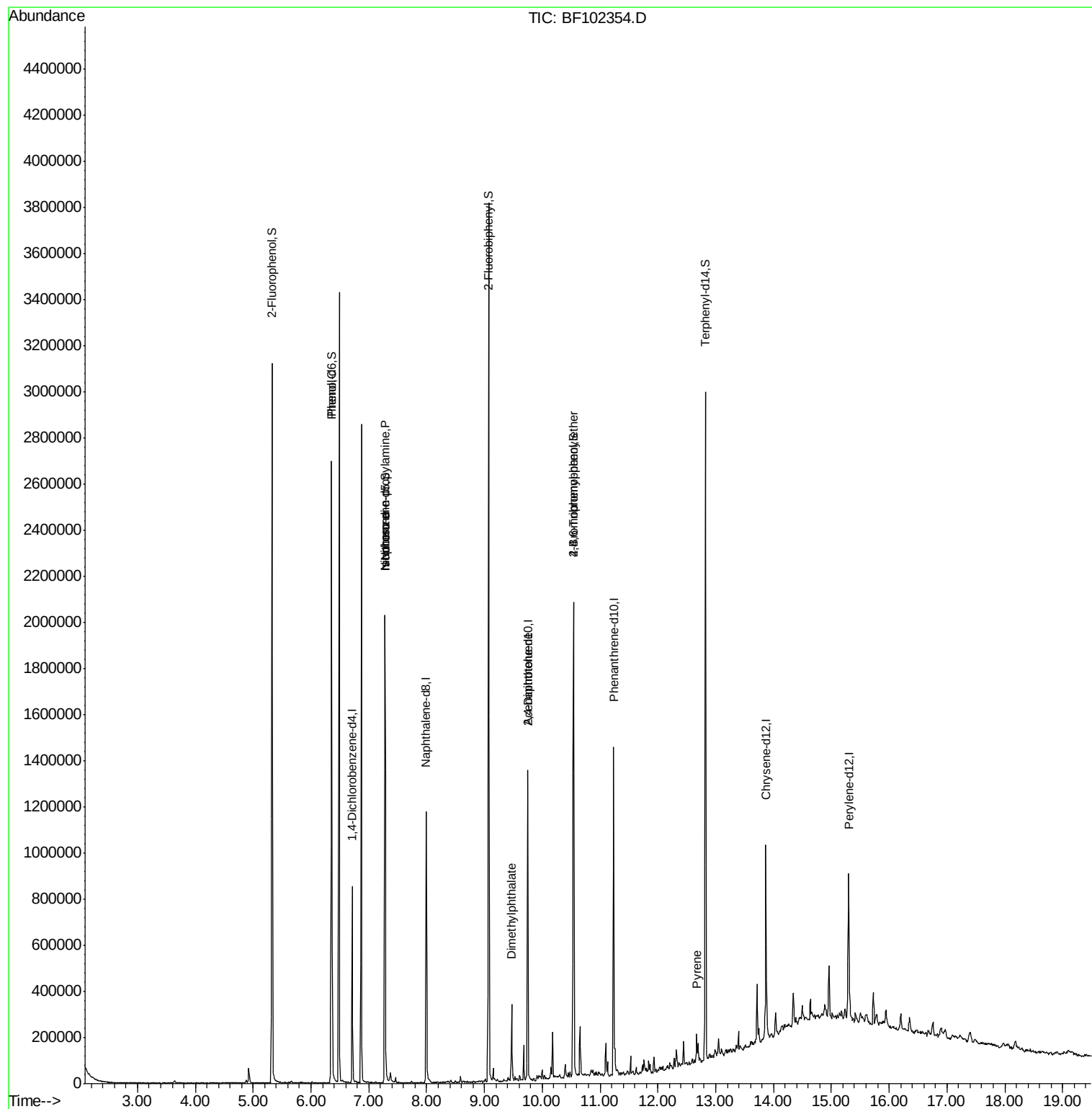
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137617	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	603152	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	276693	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	475825	20.00	ng	0.00
75) Chrysene-d12	13.87	240	298540	20.00	ng	0.00
86) Perylene-d12	15.30	264	267842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	948400	104.49	ng	0.00
7) Phenol-d6	6.36	99	1169551	106.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	734564	69.99	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	251981	91.91	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1248651	66.35	ng	0.00
78) Terphenyl-d14	12.82	244	1069606	80.77	ng	0.00
Target Compounds						
10) Phenol	6.37	94	53098	4.445	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	96970	14.481	ng	# 78
25) Isophorone	7.28	82	734559	39.258	ng	# 64
49) Dimethylphthalate	9.47	163	127350	5.568	ng	98
56) 2,4-Dinitrotoluene	9.75	165	36123	5.957	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	17320	3.381	ng	# 1
77) Pyrene	12.67	202	50979	2.209	ng	98

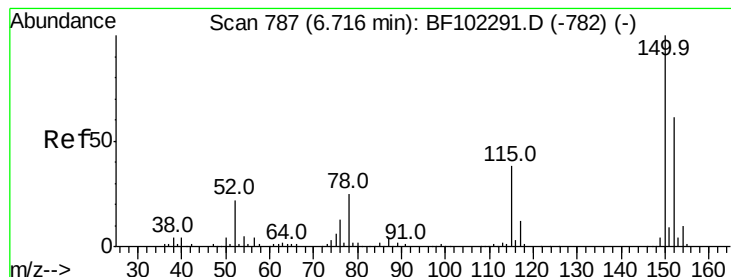
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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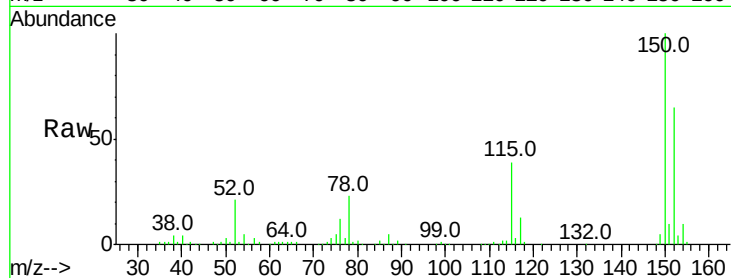


#1

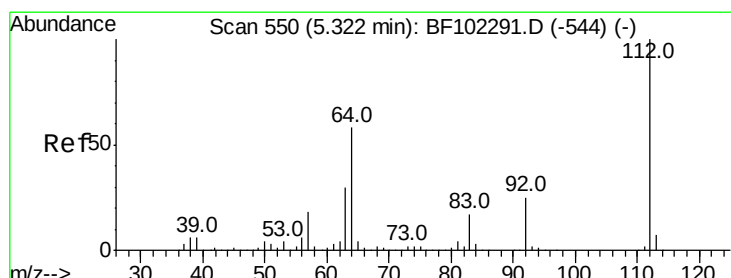
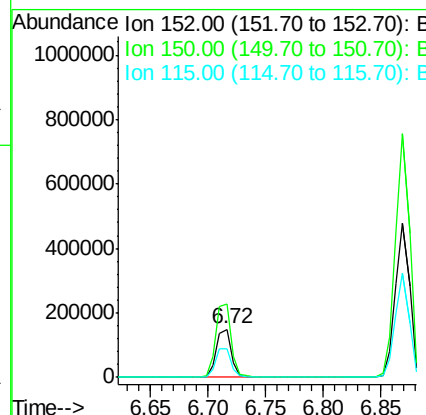
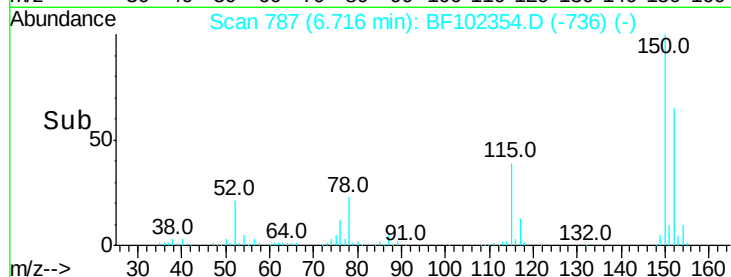
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137617
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 60.1 50.1 75.1



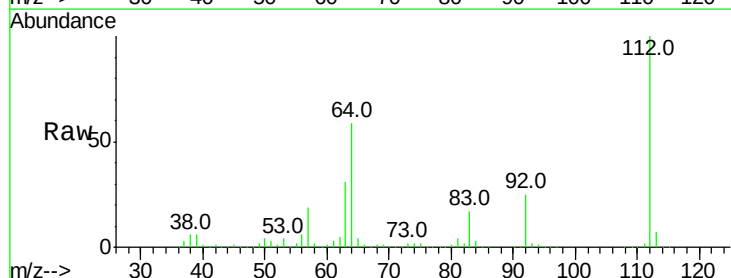
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



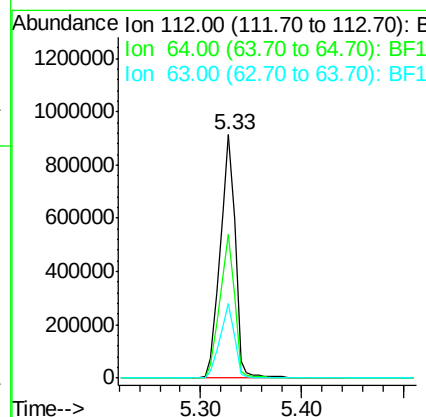
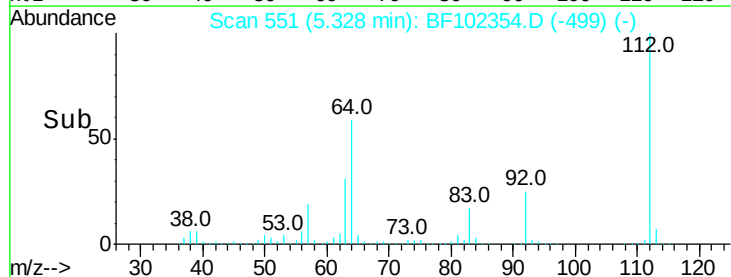
#5

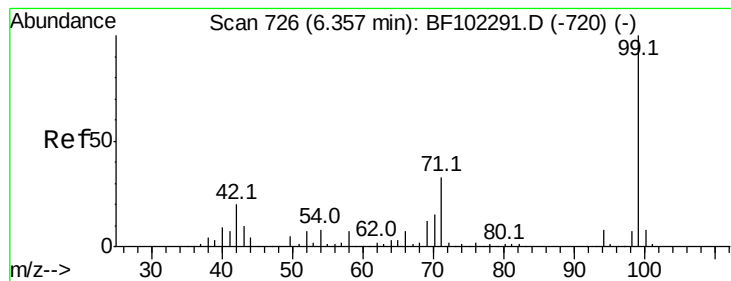
2-Fluorophenol
Concen: 104.494 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:112 Resp: 948400
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.5 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: 106.886 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

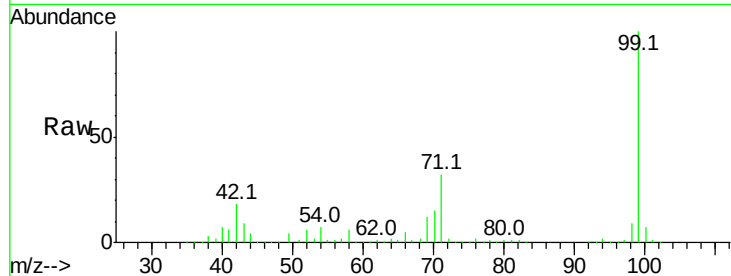
Tot Ion: 99 Resp: 1169551

Ion Ratio Lower Upper

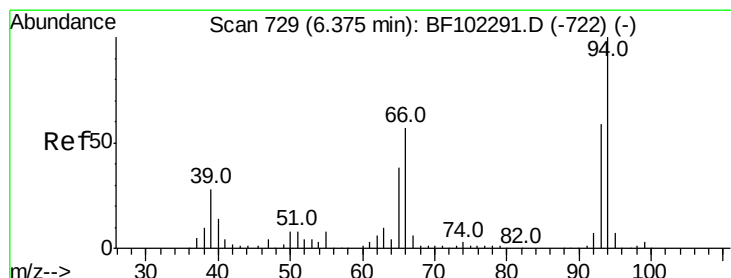
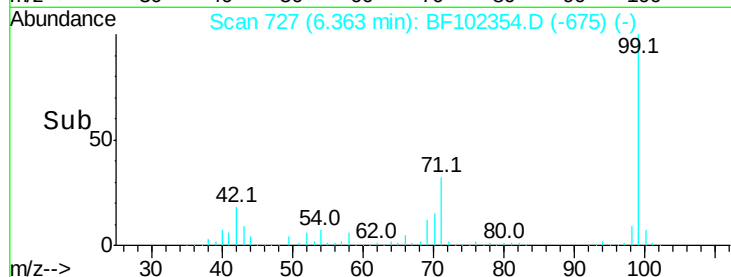
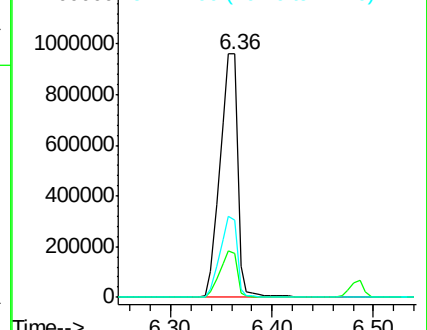
99 100

42 18.0 14.5 21.7

71 31.9 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



#10

Phenol

Concen: 4.445 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

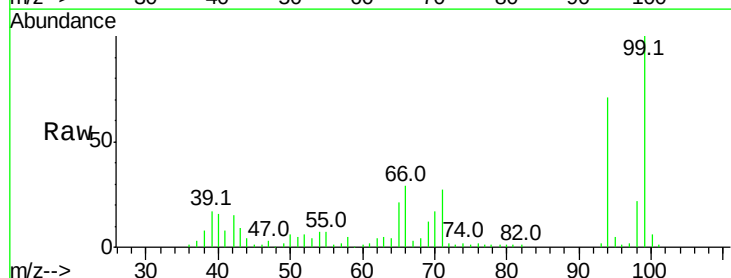
Tgt Ion: 94 Resp: 53098

Ion Ratio Lower Upper

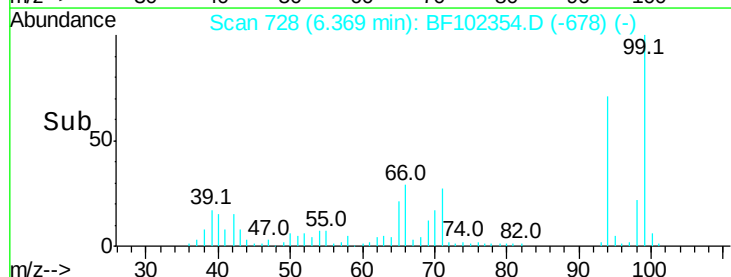
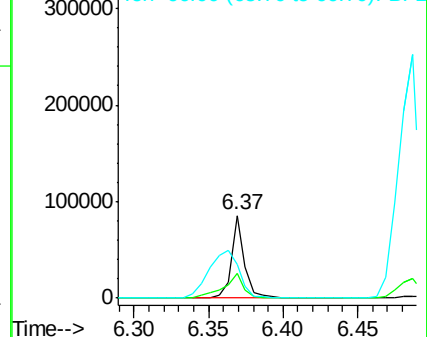
94 100

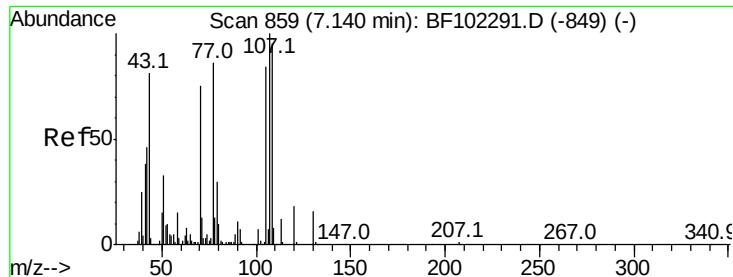
65 30.0 7.9 47.9

66 41.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 14.481 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 96970

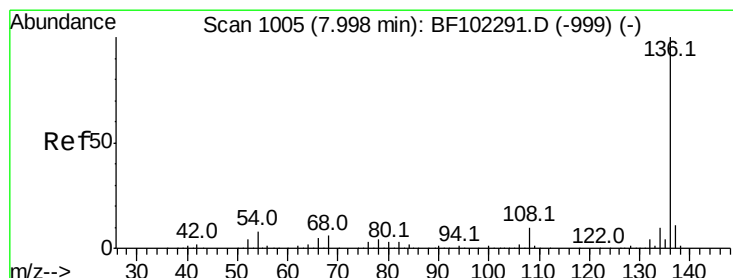
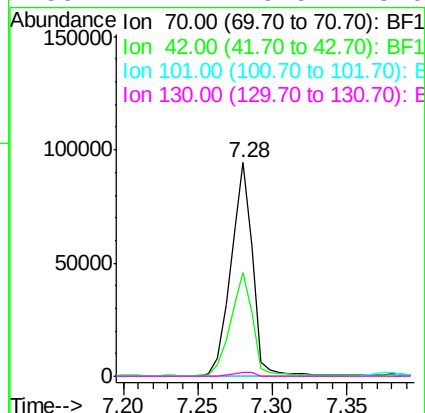
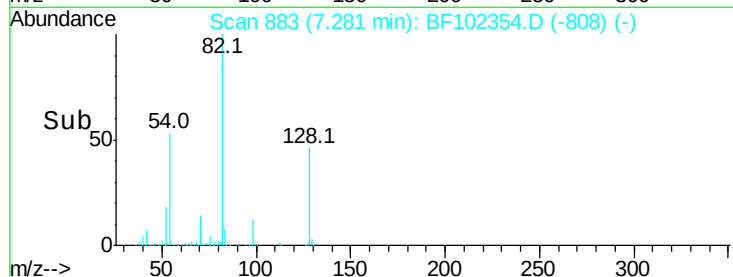
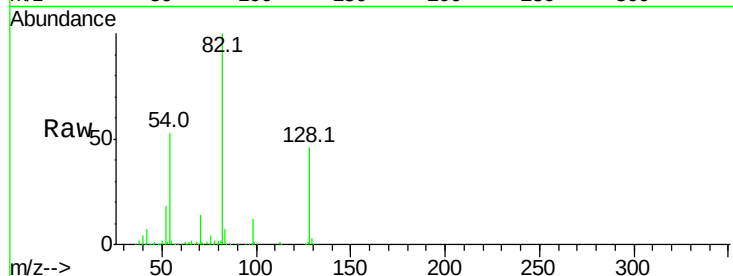
Ion Ratio Lower Upper

70 100

42 48.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Tgt Ion: 136 Resp: 603152

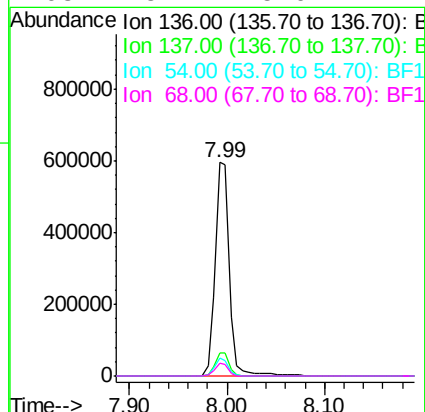
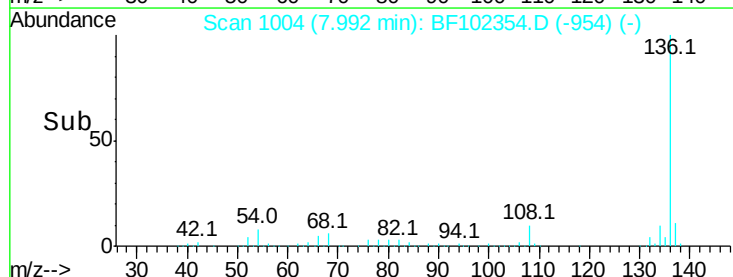
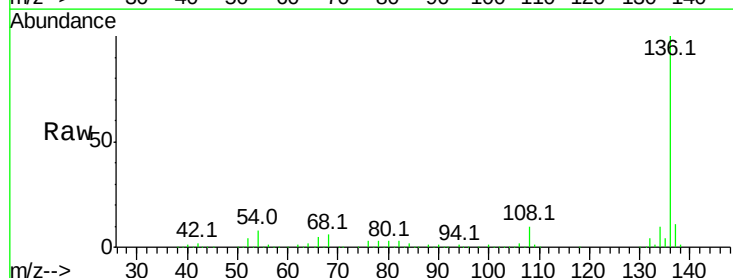
Ion Ratio Lower Upper

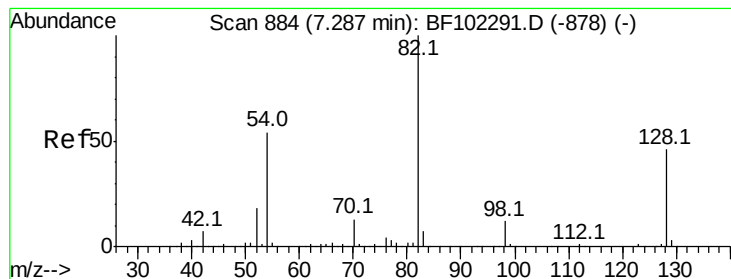
136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 69.988 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampled :

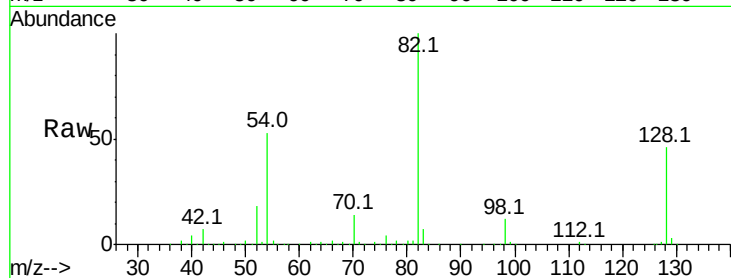
Tot Ion: 82 Resp: 734564

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

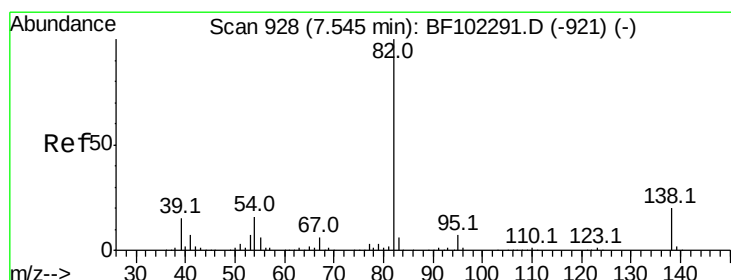
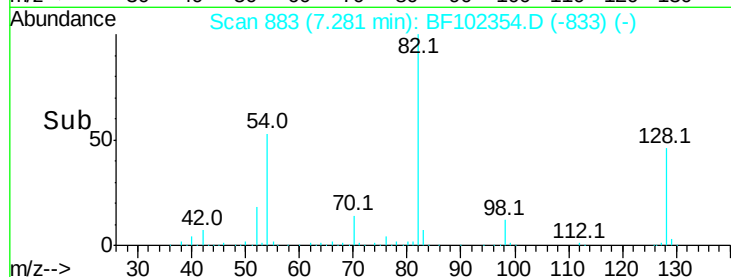
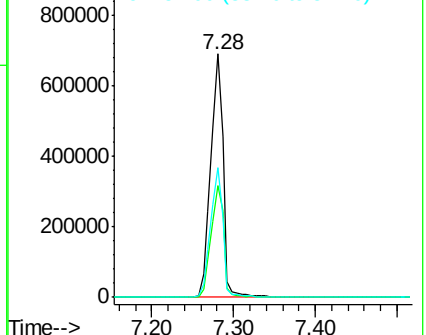
54 53.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 39.258 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

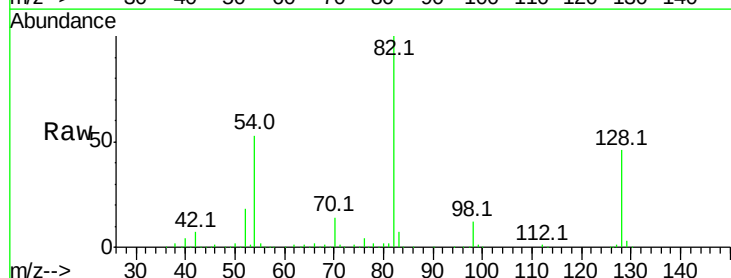
Tgt Ion: 82 Resp: 734559

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

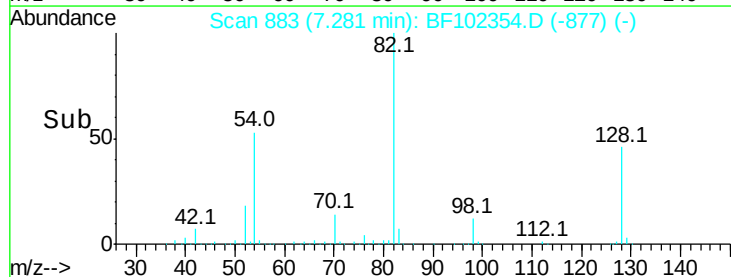
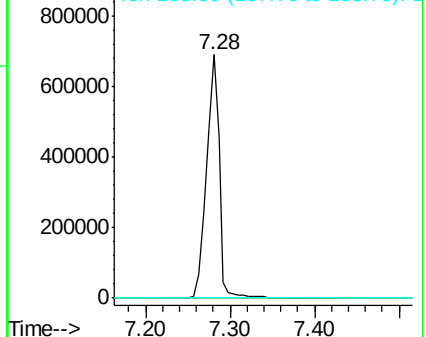
138 0.0 14.9 22.3#

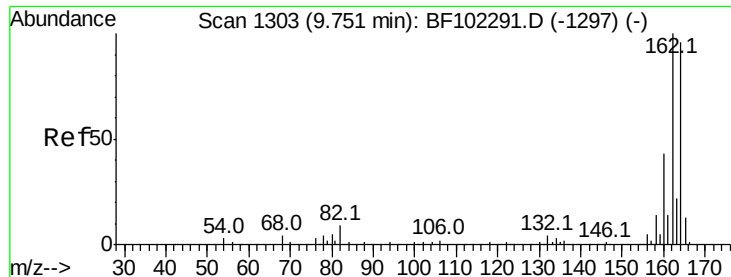


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

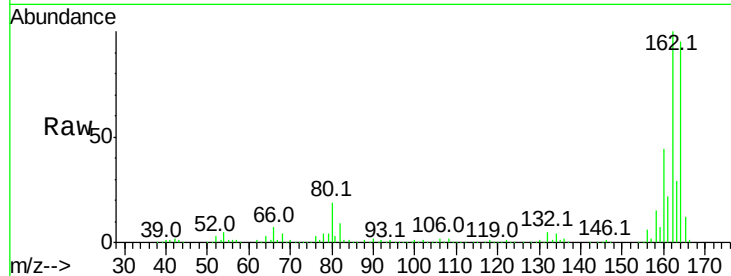




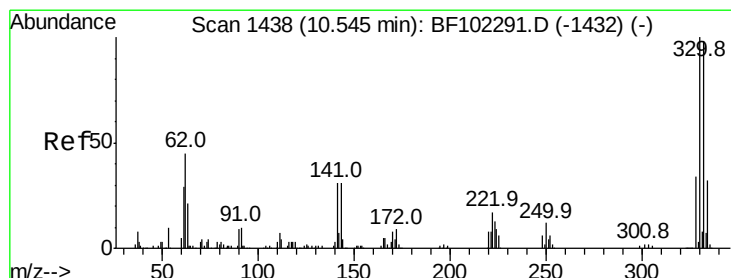
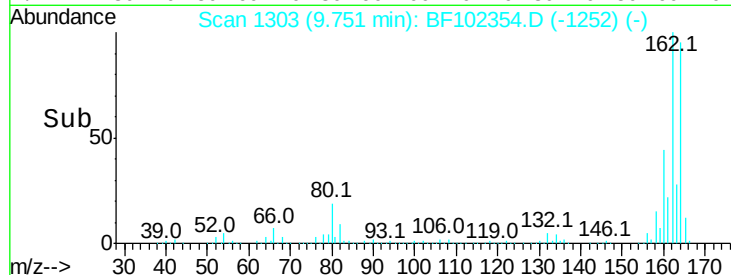
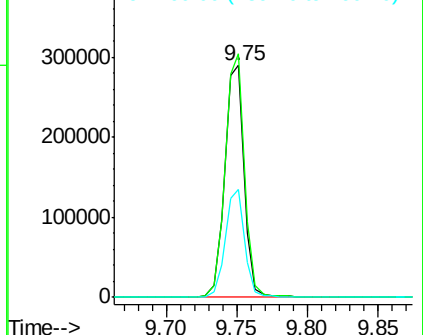
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 276693
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 46.6 38.3 57.5

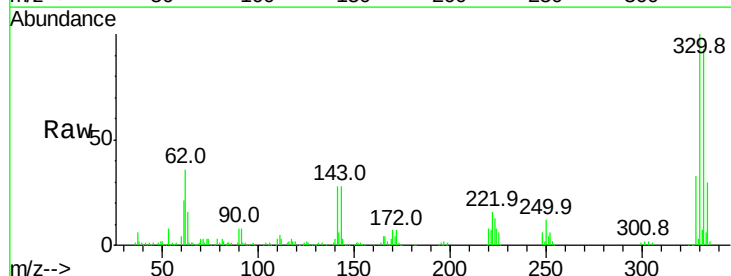


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

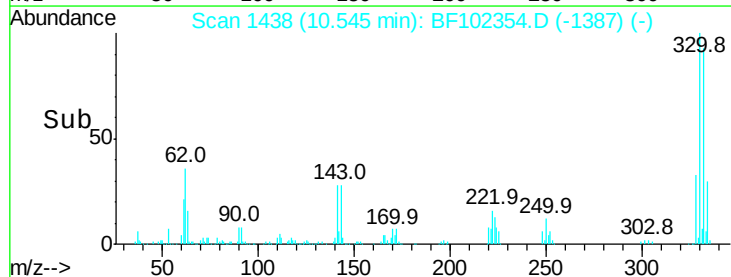
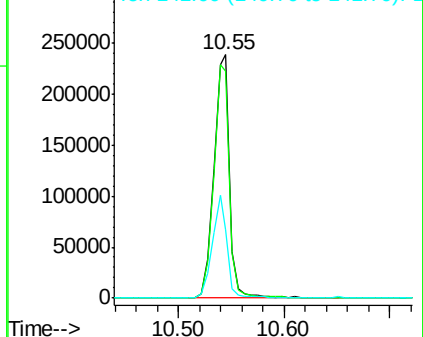


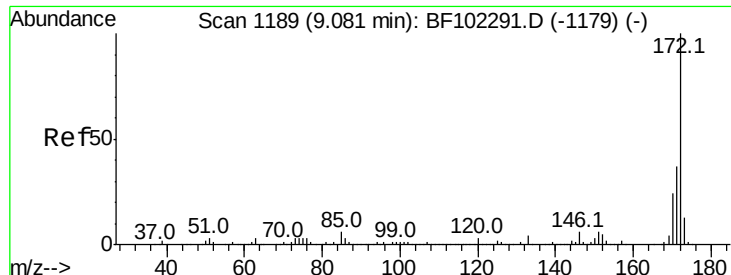
#41
2,4,6-Tribromophenol
Concen: 91.909 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:330 Resp: 251981
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 40.1 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

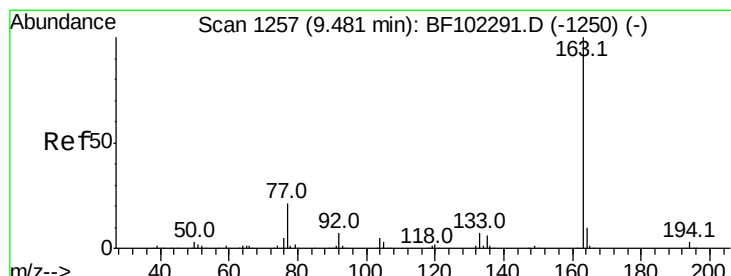
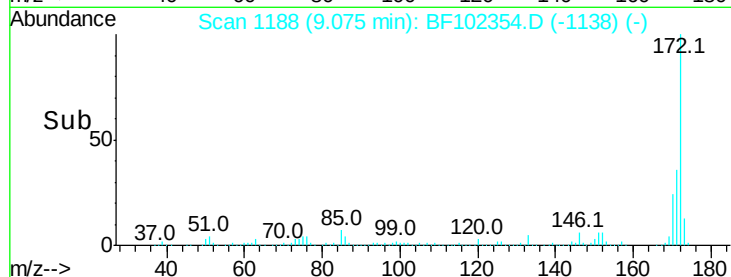
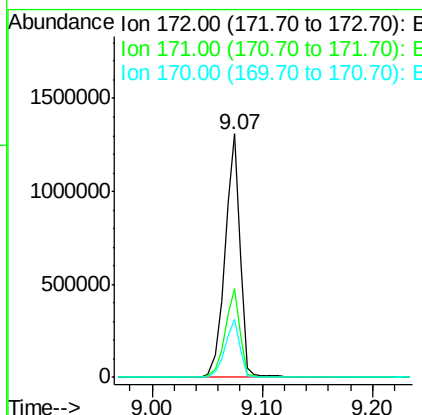
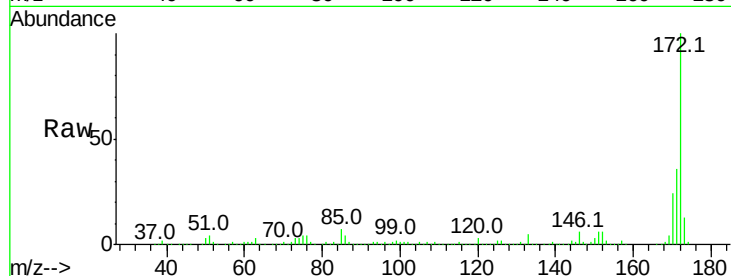




#44
2-Fluorobiphenyl
Concen: 66.354 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

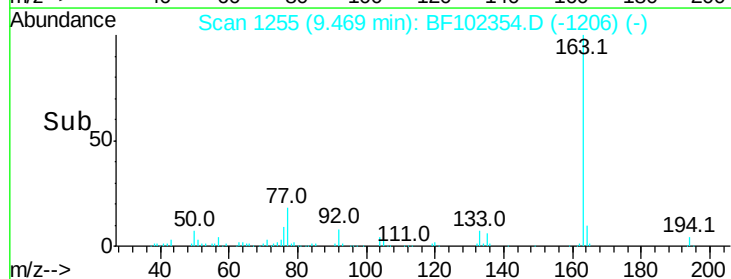
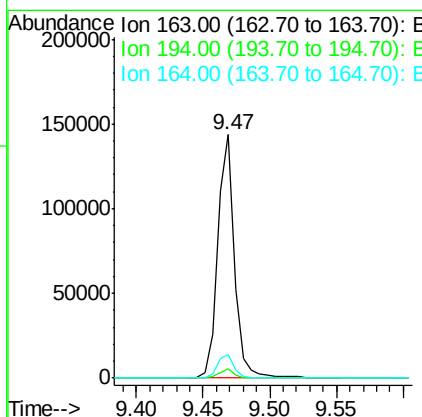
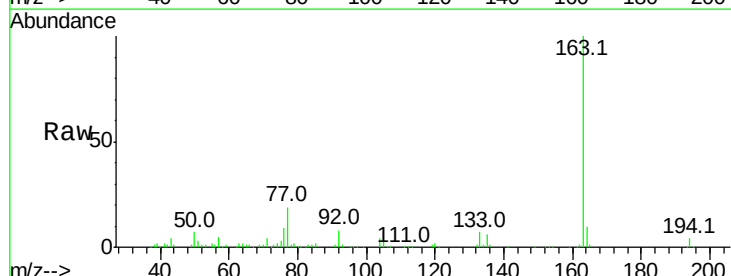
Instrument :
BNA_F
ClientSampleId :

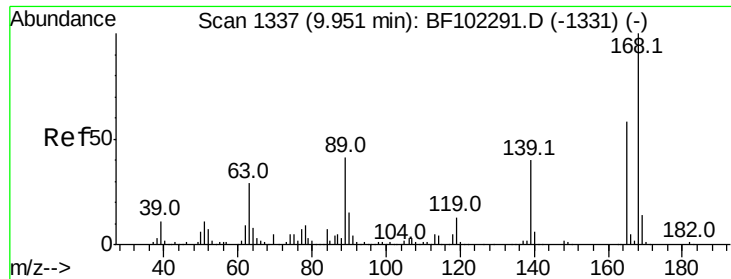
Tot Ion:172 Resp: 1248651
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 5.568 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:163 Resp: 127350
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 8.2 12.2

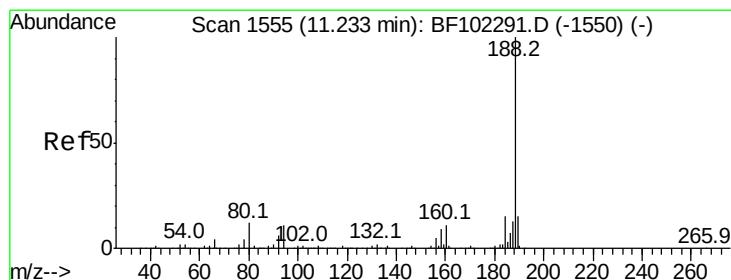
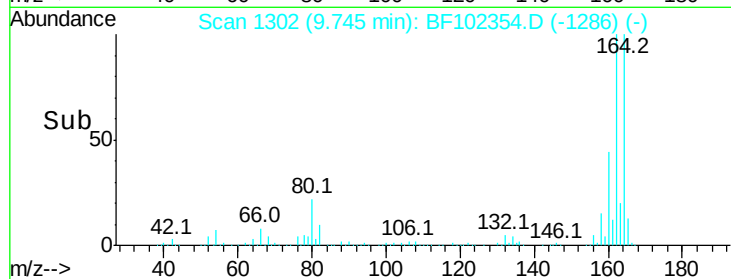
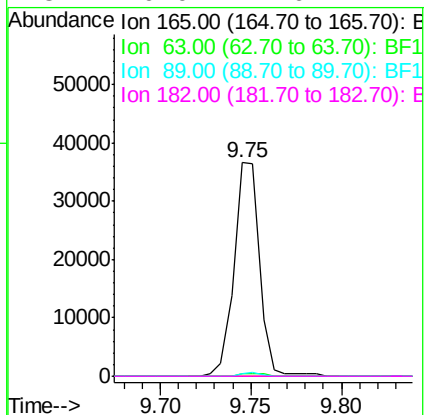
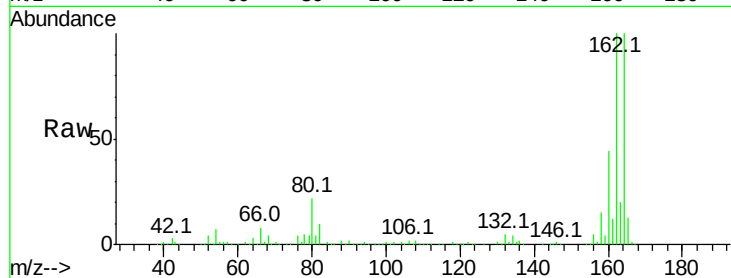




#56
 2,4-Dinitrotoluene
 Concen: 5.957 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102354.D
 Acq: 23 Jan 2018 20:51

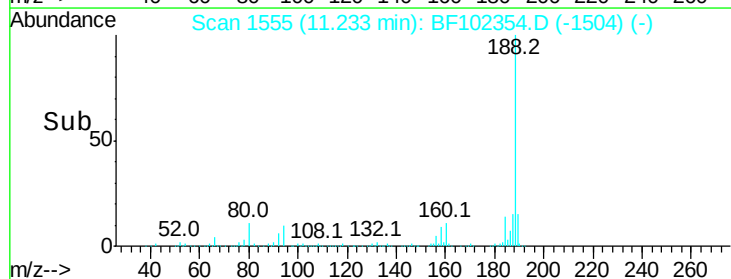
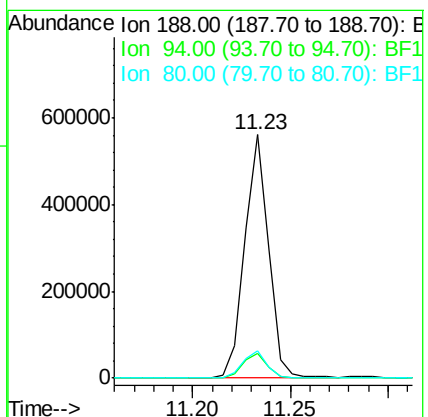
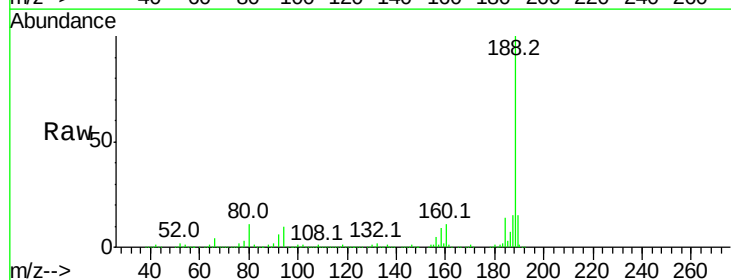
Instrument :
 BNA_F
 ClientSampleId :

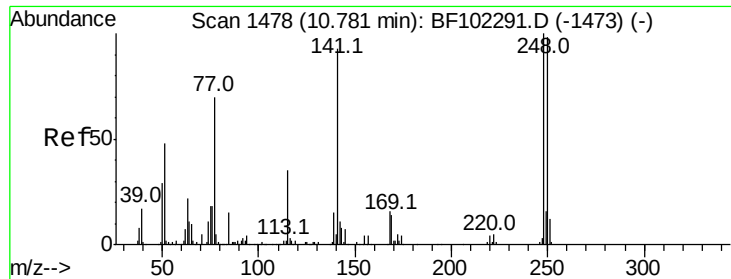
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102354.D
 Acq: 23 Jan 2018 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.3	9.2	13.8

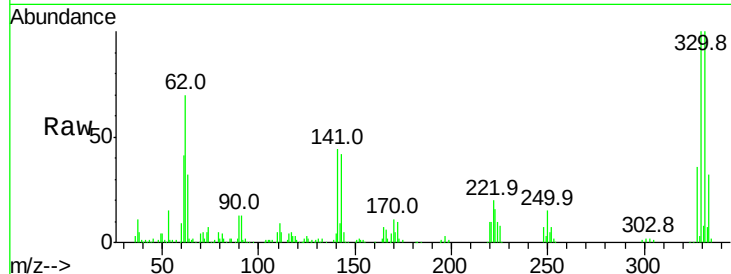




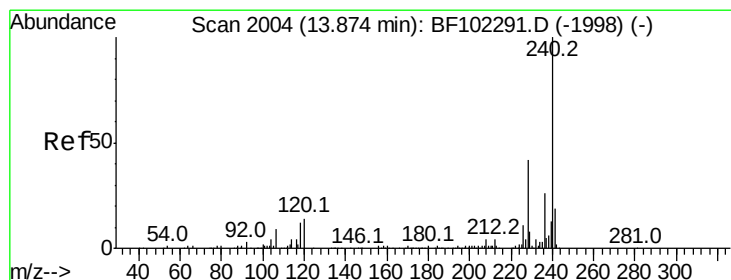
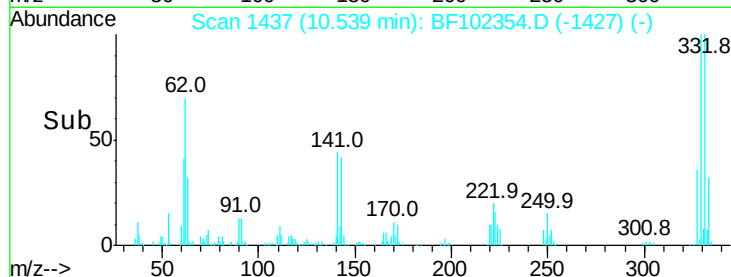
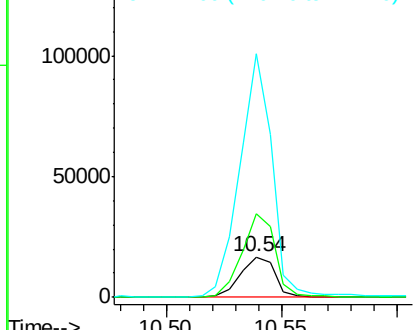
#66
4-Bromophenyl-phenylether
Concen: 3.381 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17320
Ion Ratio Lower Upper
248 100
250 207.2 76.9 115.3#
141 604.6 74.4 111.6#

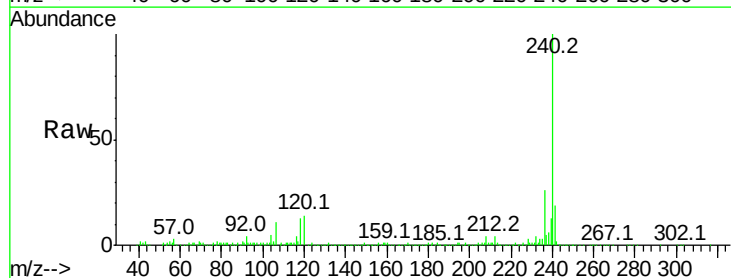


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

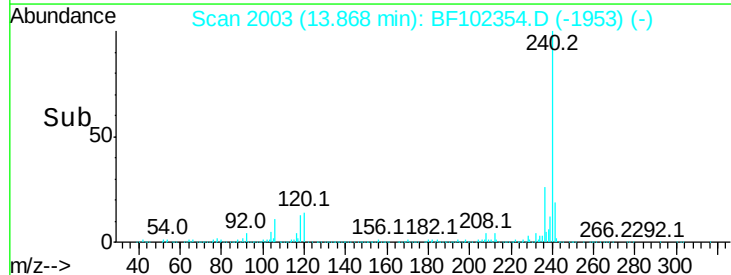
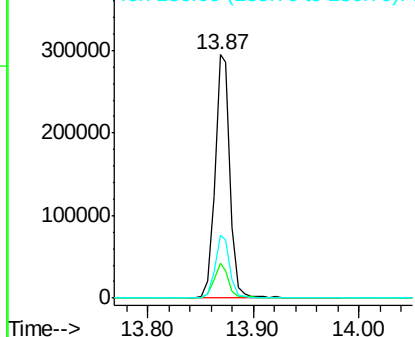


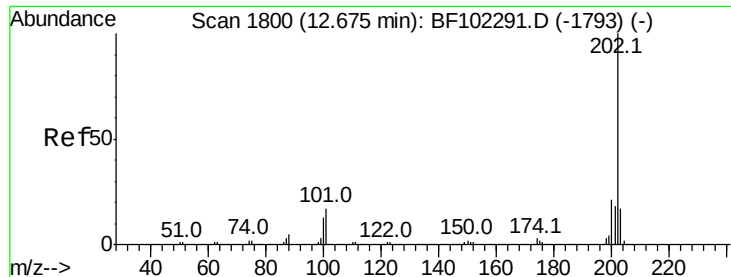
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Tgt Ion:240 Resp: 298540
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 25.8 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





#77

Pvrene

Concen: 2.209 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

Instrument :

BNA_F

ClientSampleId :

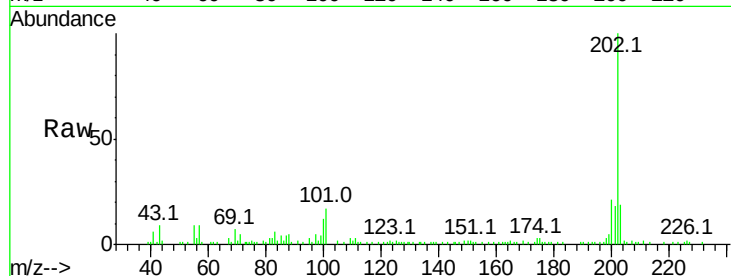
Tot Ion:202 Resp: 50979

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

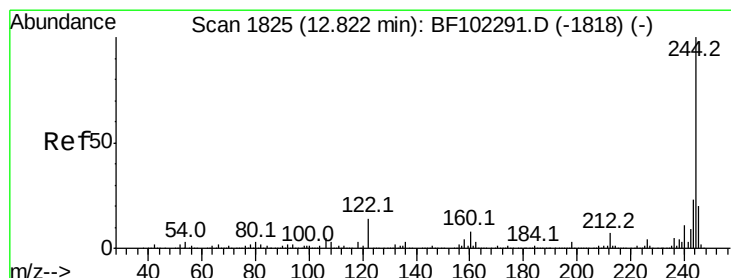
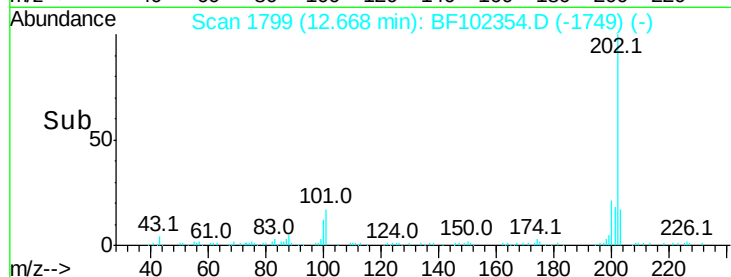
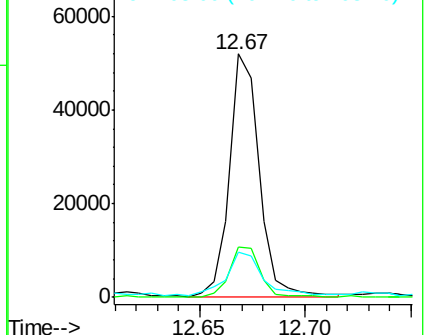
203 18.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.769 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102354.D

Acq: 23 Jan 2018 20:51

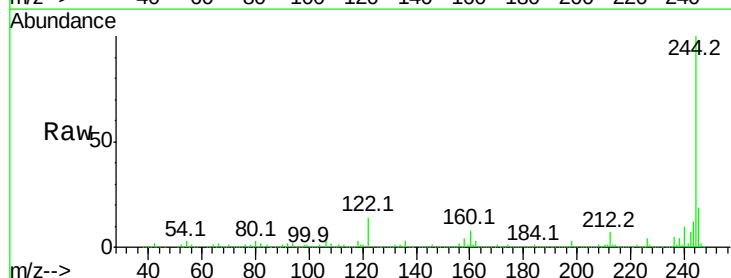
Tgt Ion:244 Resp: 1069606

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

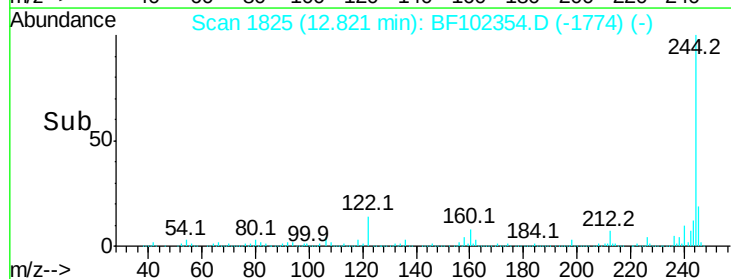
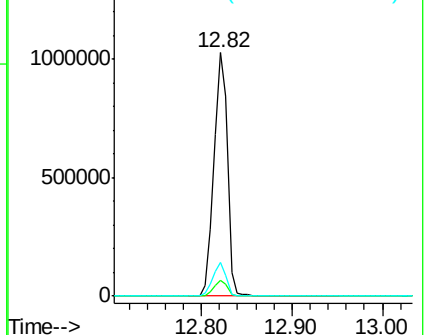
122 13.6 11.0 16.4

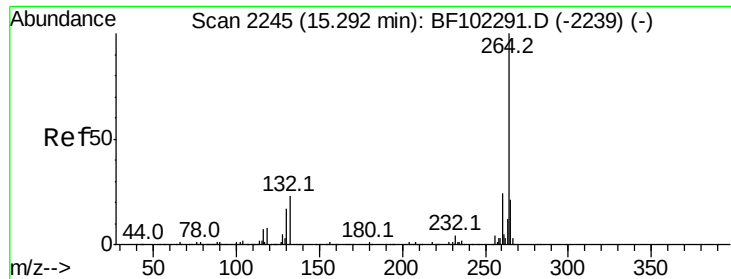


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102354.D
Acq: 23 Jan 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3

