

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102346.D
 Acq On : 23 Jan 2018 15:26
 Operator : SJ/JU
 Sample : PB105838BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 23:42:04 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

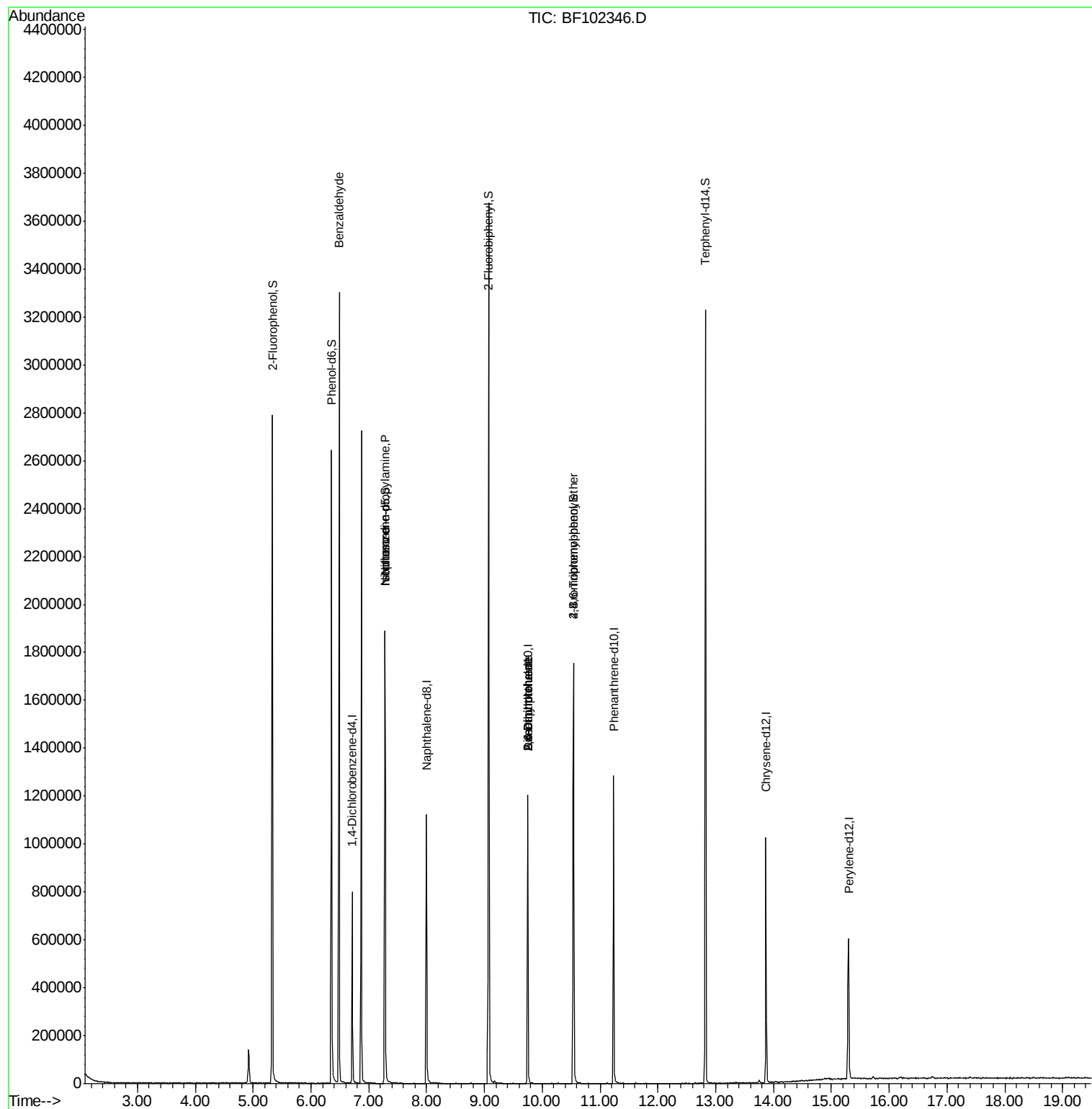
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128601	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	545596	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	251304	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	448176	20.00	ng	0.00
75) Chrysene-d12	13.87	240	364792	20.00	ng	0.00
86) Perylene-d12	15.30	264	284230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	895220	105.55	ng	0.01
7) Phenol-d6	6.36	99	1095499	107.14	ng	0.00
23) Nitrobenzene-d5	7.28	82	678531	71.47	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	201417	80.89	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1267274	74.15	ng	0.00
78) Terphenyl-d14	12.82	244	1212762	74.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	18877	2.668	ng	86
19) n-Nitroso-di-n-propylamine	7.28	70	89922	14.370	ng	# 80
25) Isophorone	7.28	82	666295	39.366	ng	# 64
49) Dimethylphthalate	9.75	163	69220	3.332	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	31512	7.036	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	31512	5.722	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	13434	2.784	ng	# 1

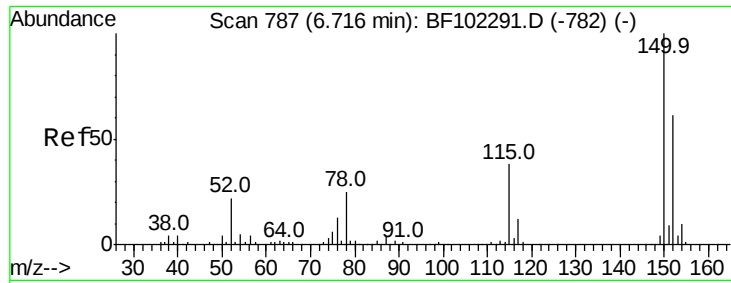
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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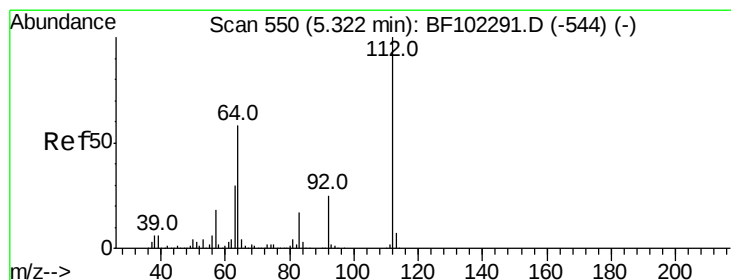
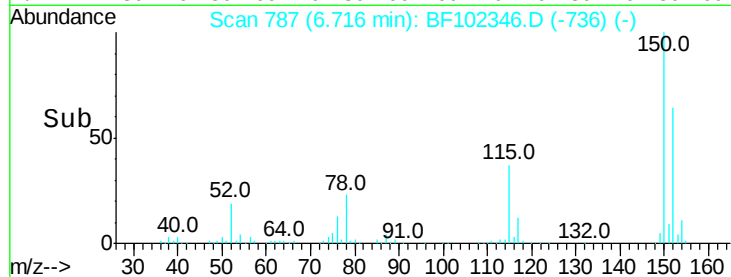
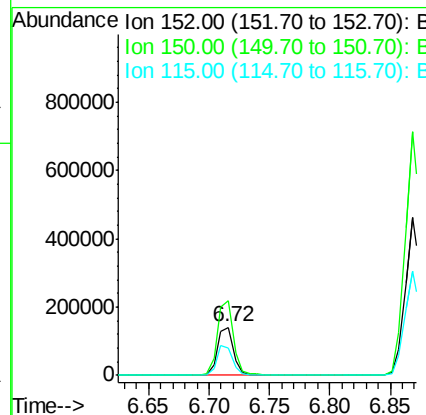
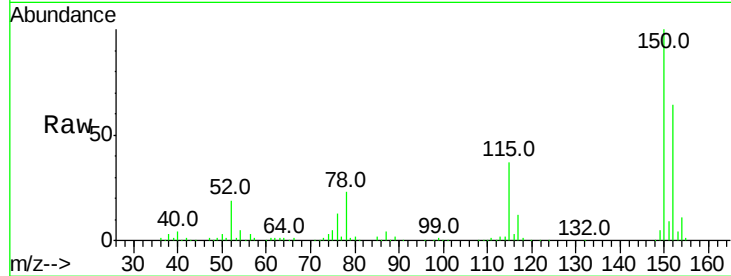


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :

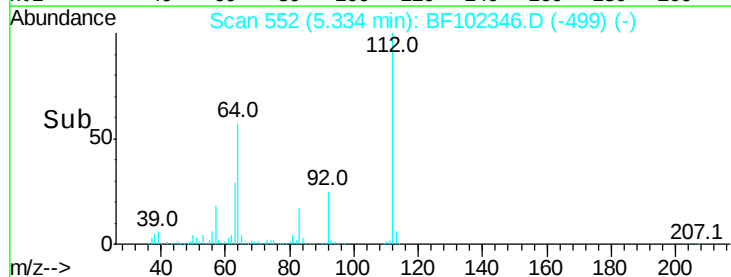
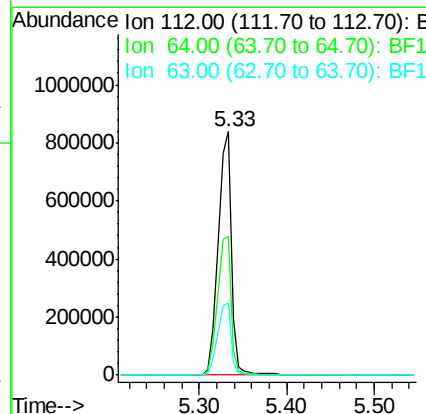
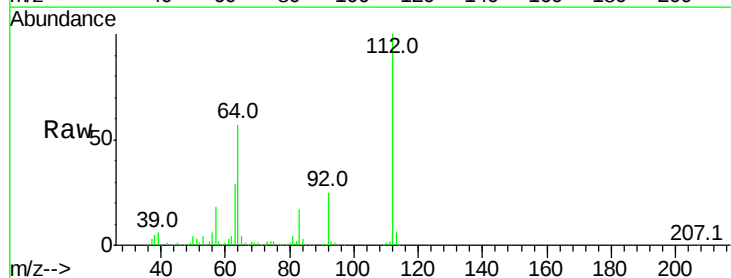
Tot Ion:152 Resp: 128601
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 57.9 50.1 75.1

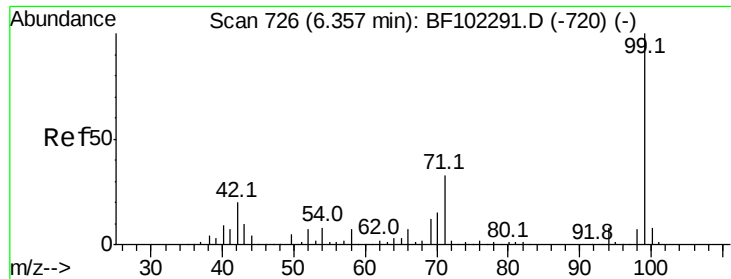


#5

2-Fluorophenol
Concen: 105.550 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Tgt Ion:112 Resp: 895220
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 107.138 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

Instrument :

BNA_F

ClientSampled :

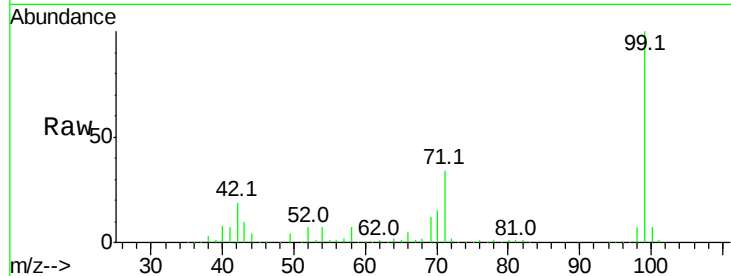
Tot Ion: 99 Resp: 1095499

Ion Ratio Lower Upper

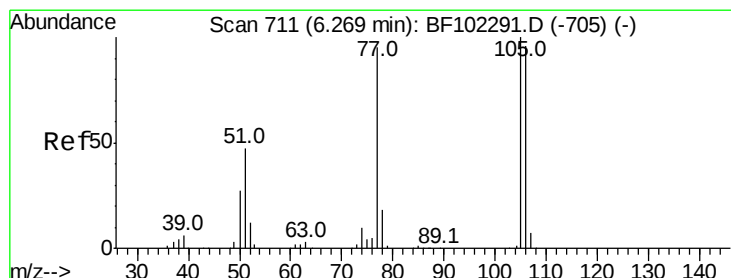
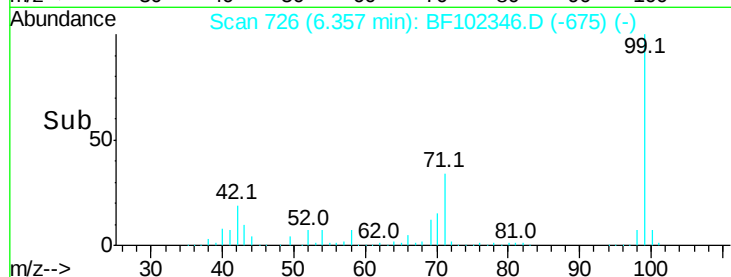
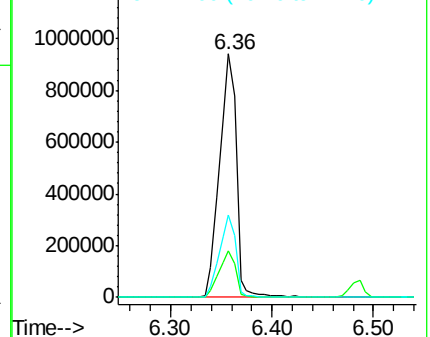
99 100

42 19.0 14.5 21.7

71 34.0 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: 2.668 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

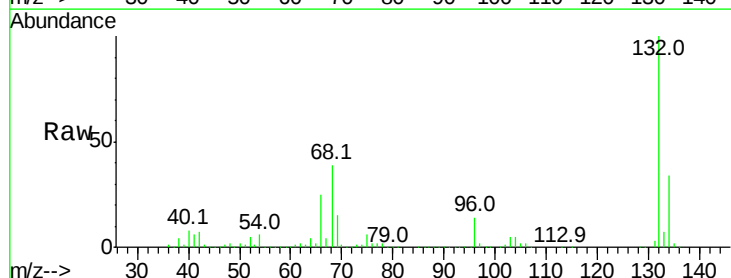
Tgt Ion: 77 Resp: 18877

Ion Ratio Lower Upper

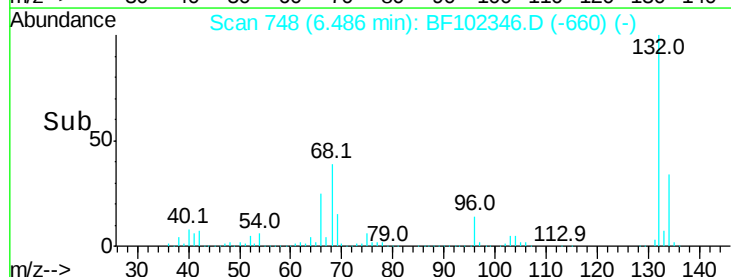
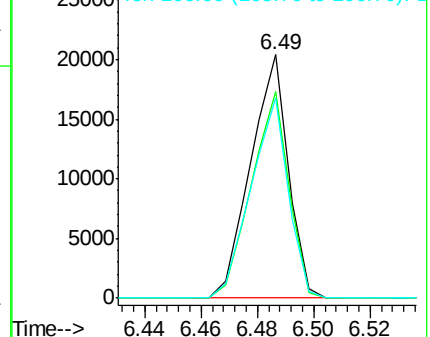
77 100

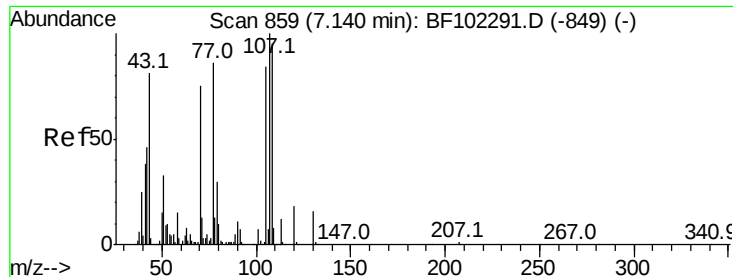
105 85.0 81.1 121.1

106 82.1 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

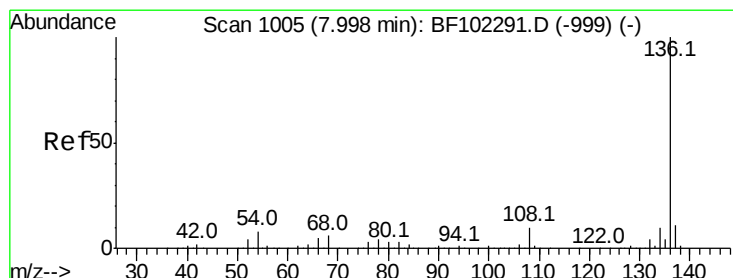
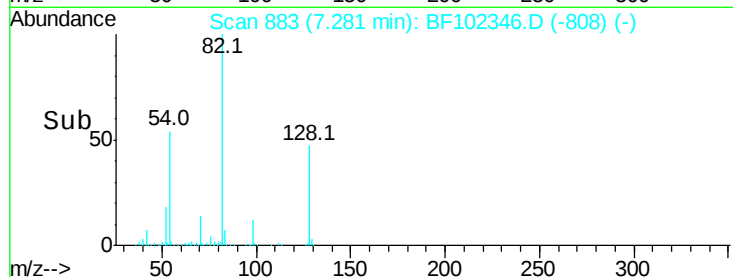
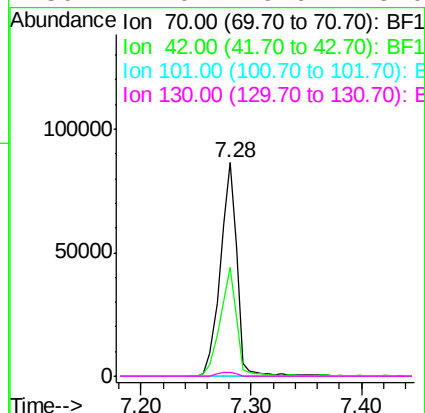
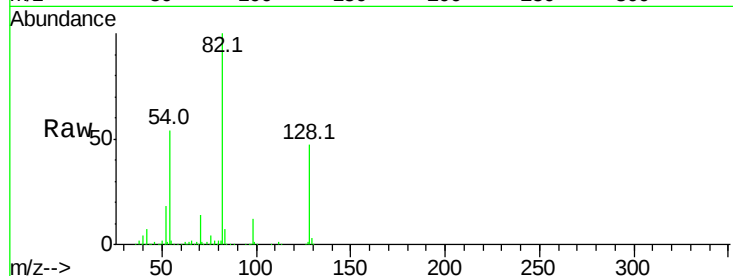




#19
n-Nitroso-di-n-propylamine
Concen: 14.370 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

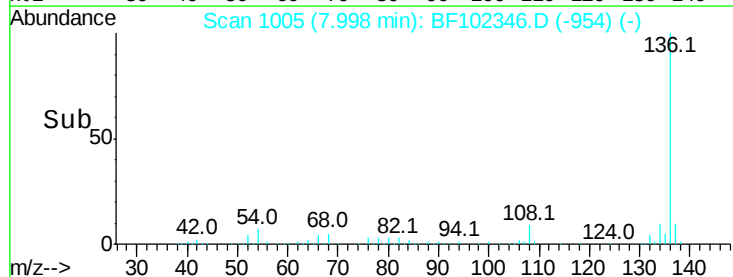
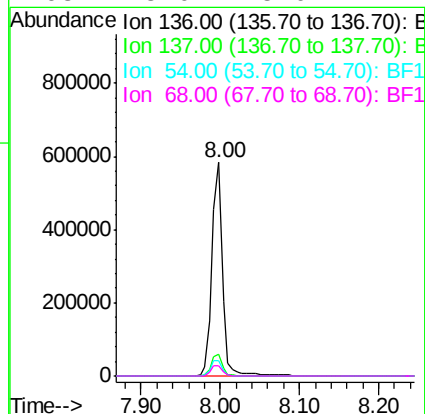
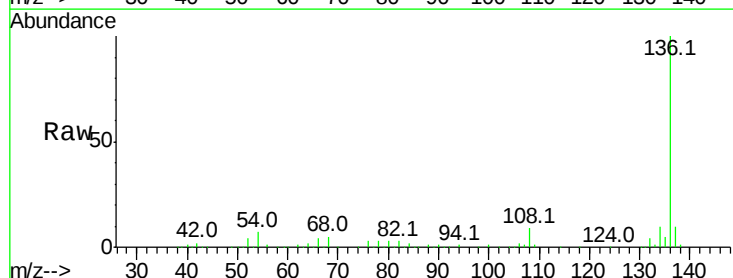
Instrument :
BNA_F
ClientSampleId :

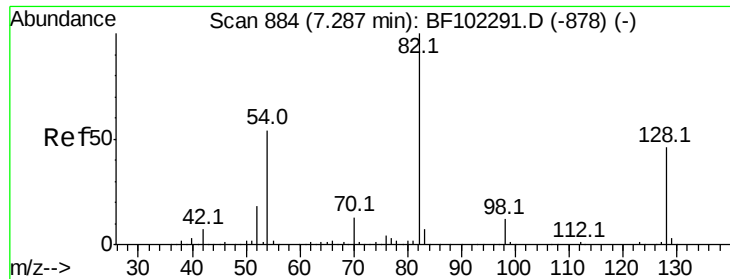
Tot Ion: 70 Resp: 89922
Ion Ratio Lower Upper
70 100
42 50.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Tgt Ion: 136 Resp: 545596
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 7.4 6.6 9.8
68 5.0 5.0 7.4

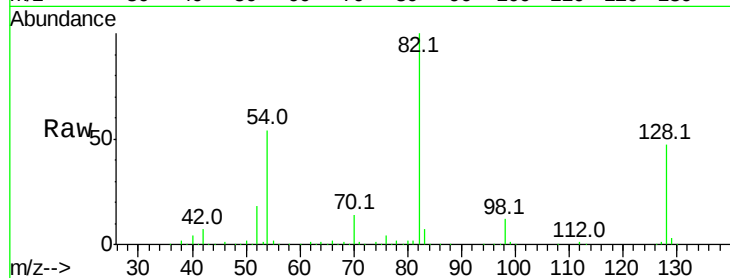




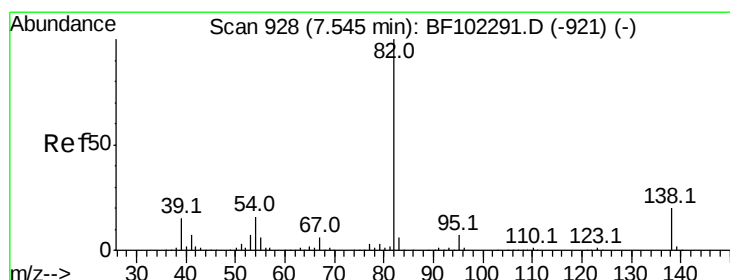
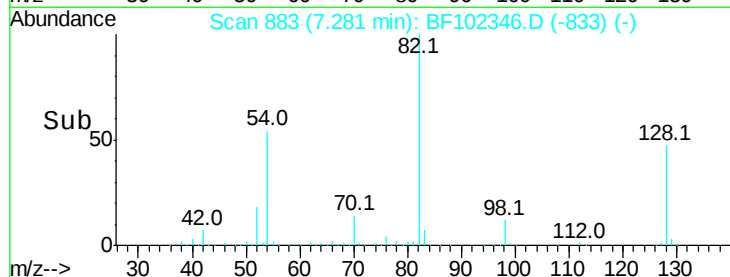
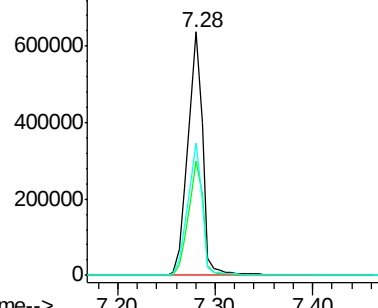
#23
Nitrobenzene-d5
Concen: 71.469 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	678531
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	54.5	41.4	62.2

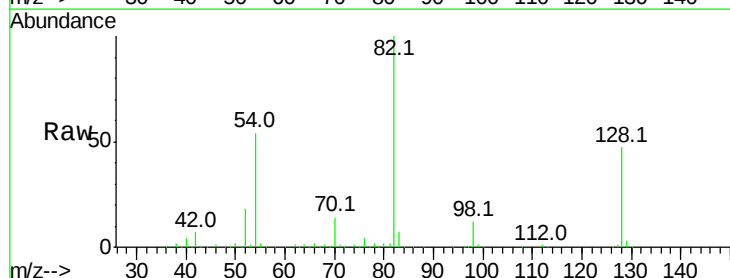


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

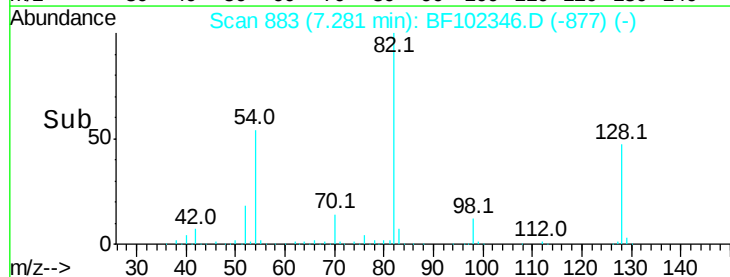
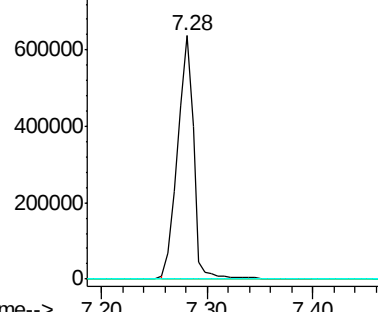


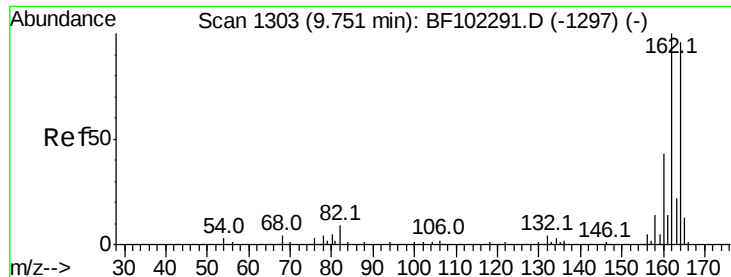
#25
Isophorone
Concen: 39.366 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Tgt Ion	82	Resp	666295
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

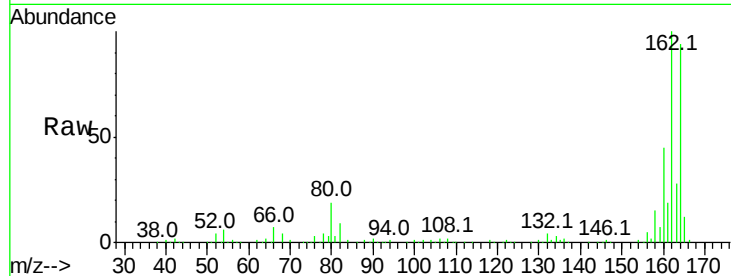




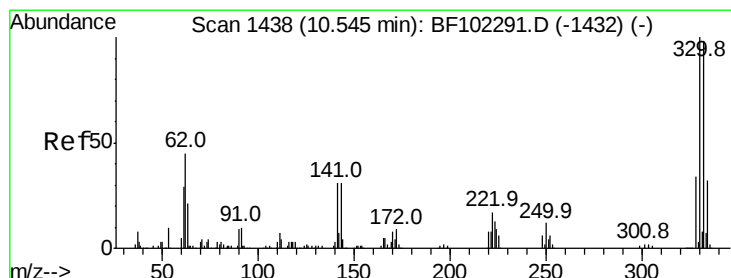
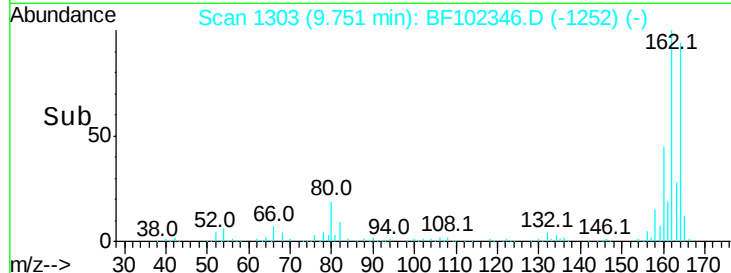
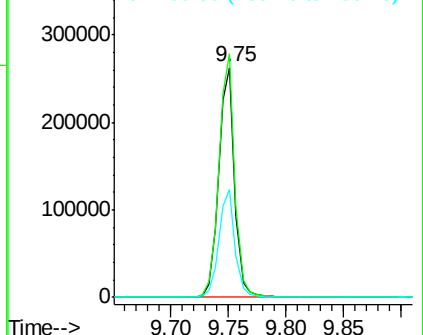
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 251304
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 47.2 38.3 57.5

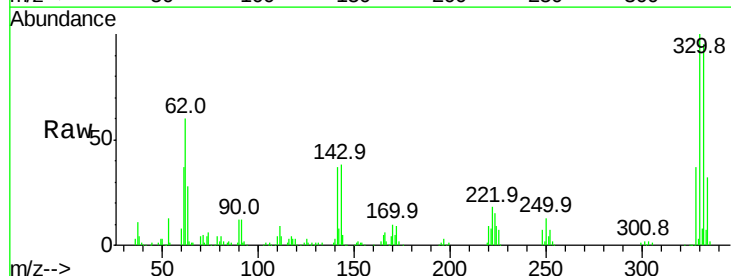


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

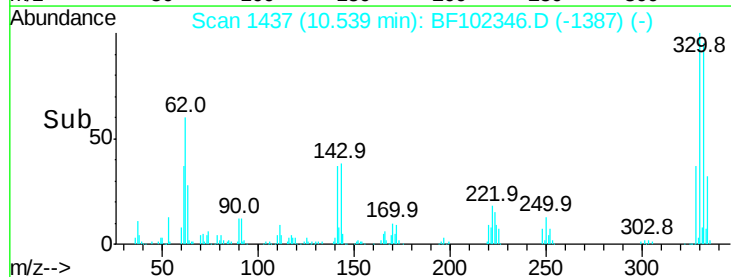
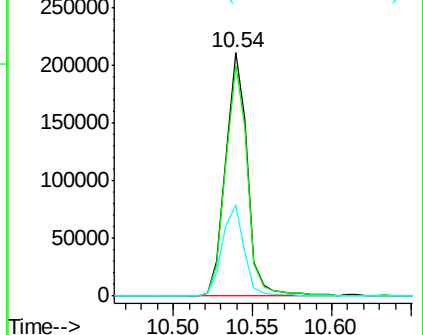


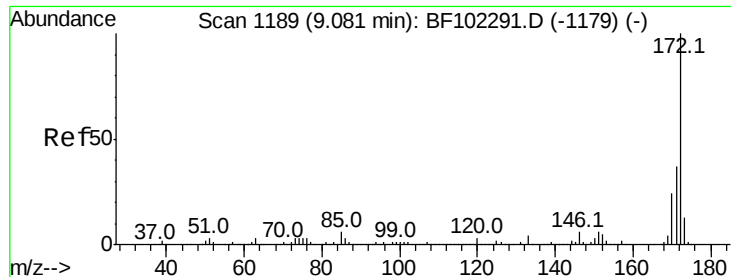
#41
2,4,6-Tribromophenol
Concen: 80.888 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Tgt Ion:330 Resp: 201417
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 38.3 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: 74.147 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

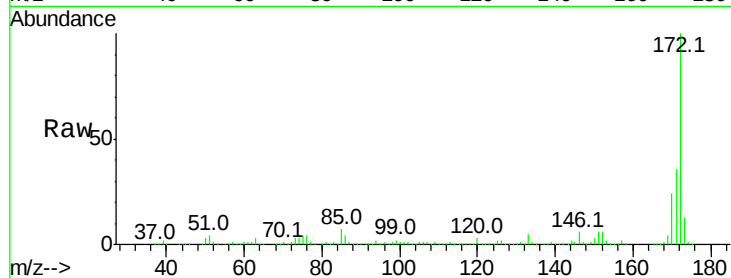
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1267274

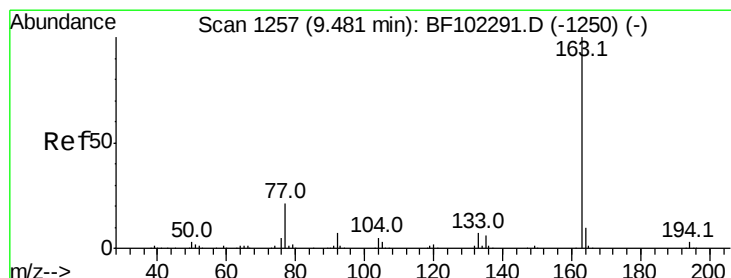
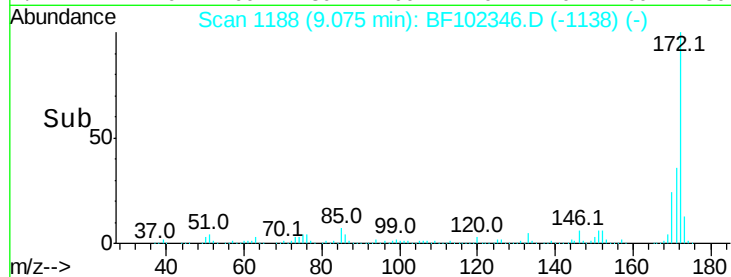
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	19.6	29.4



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: 3.332 ng

RT: 9.75 min Scan# 1303

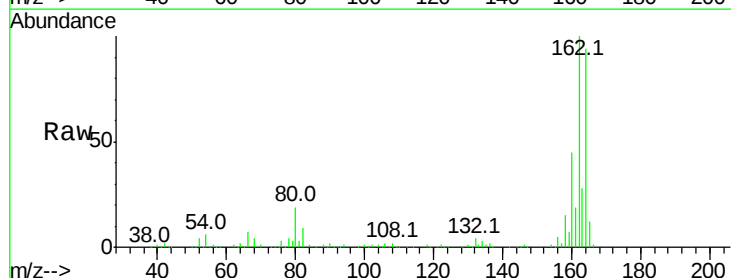
Delta R.T. 0.27 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

Tgt Ion:163 Resp: 69220

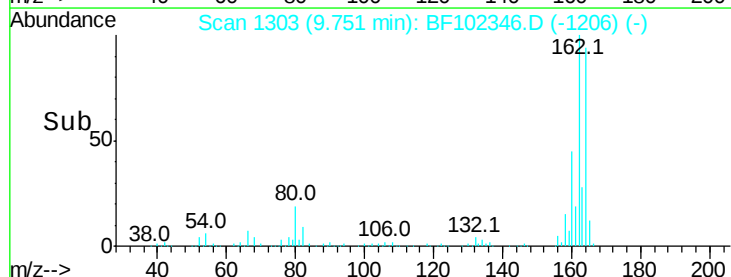
Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	337.7	8.2	12.2#

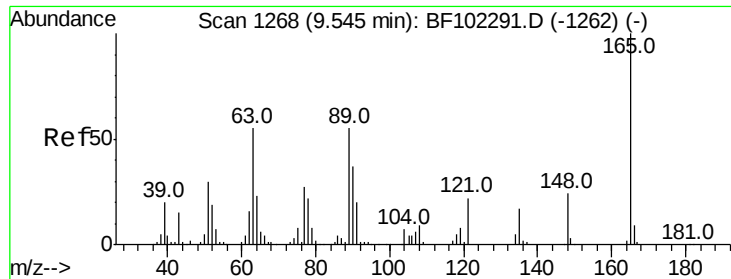


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

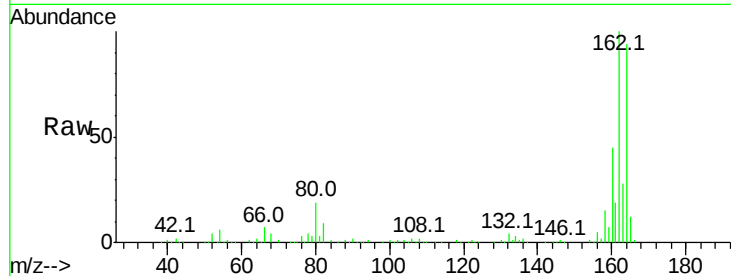




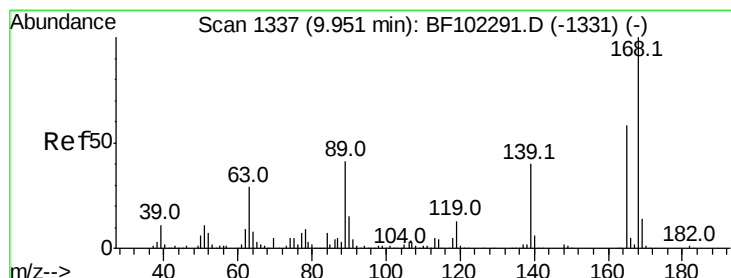
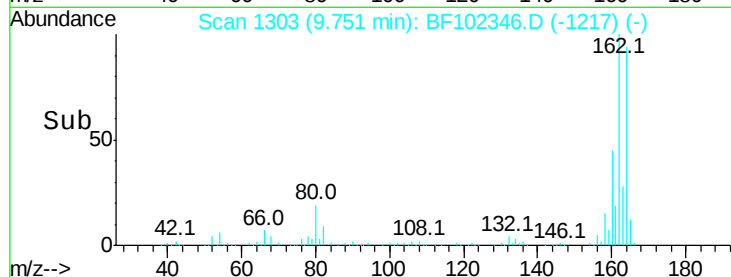
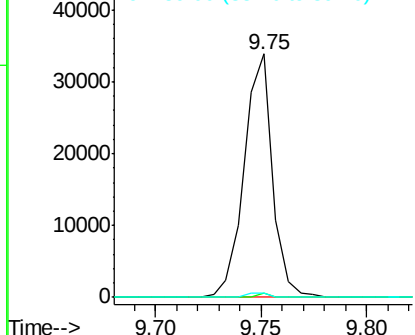
#50
 2,6-Dinitrotoluene
 Concen: 7.036 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31512
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 1.7 44.0 66.0#

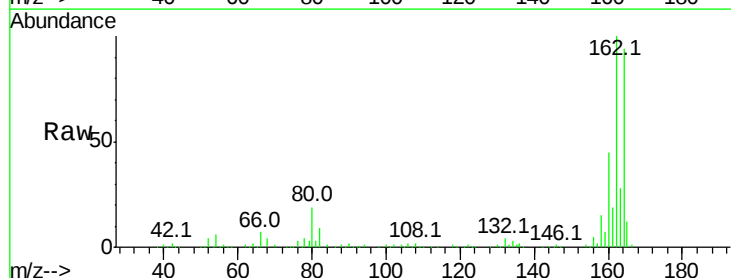


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

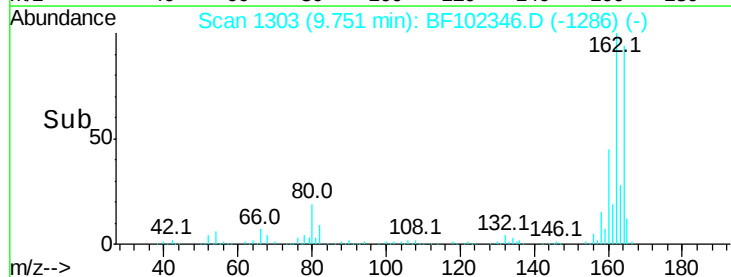
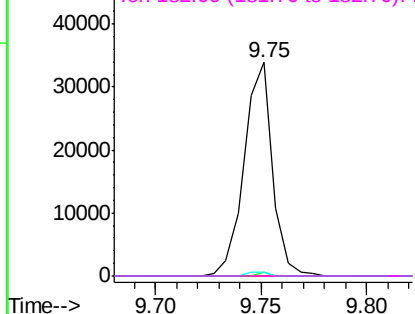


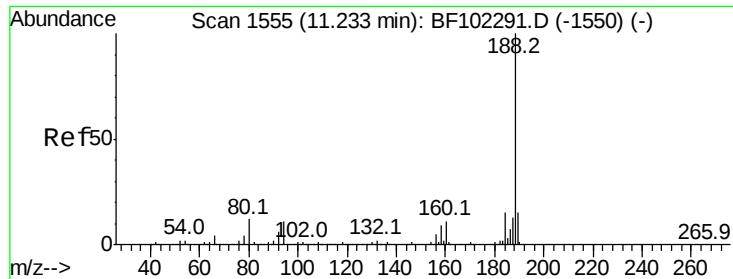
#56
 2,4-Dinitrotoluene
 Concen: 5.722 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Tgt Ion:165 Resp: 31512
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.7 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

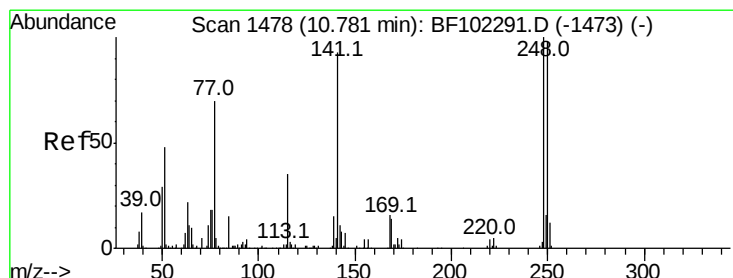
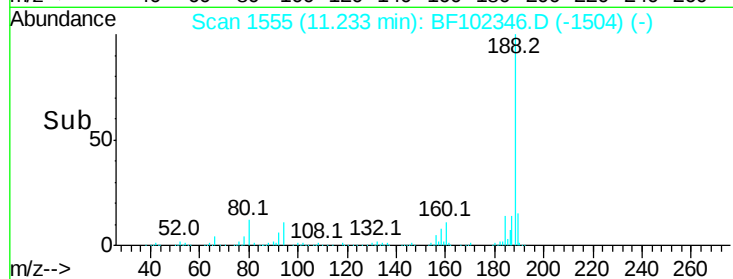
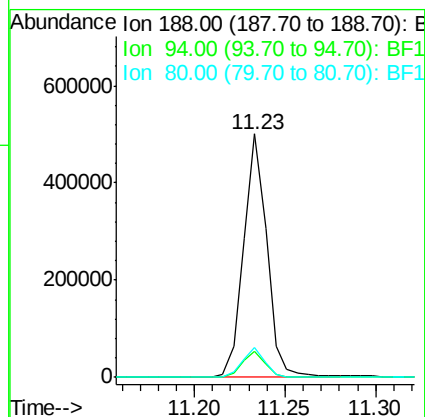
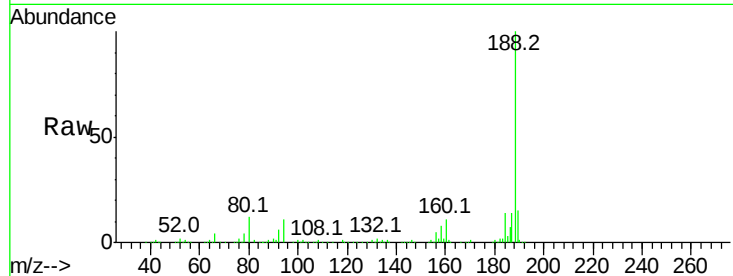




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

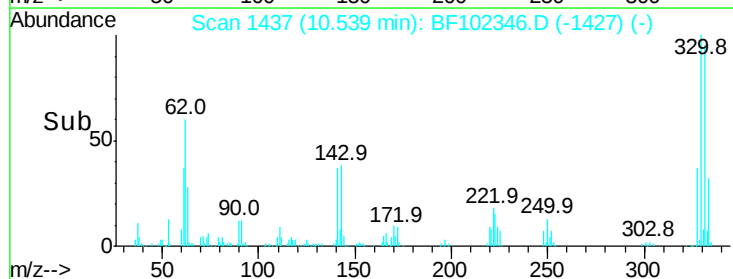
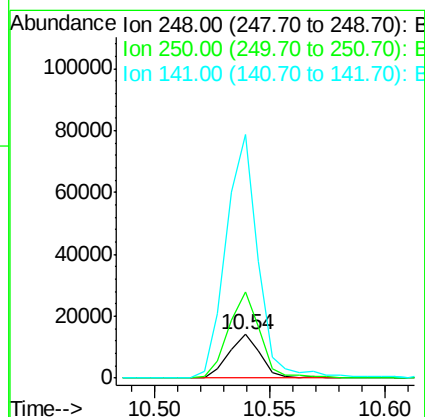
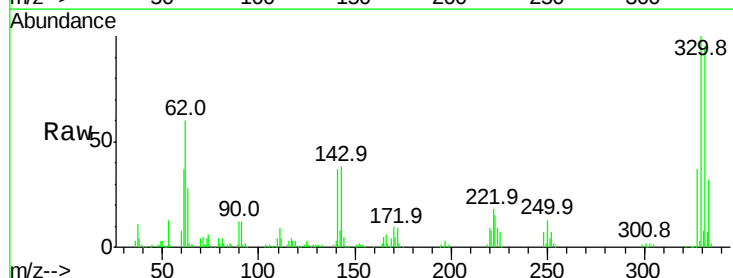
Instrument :
BNA_F
ClientSampleId :

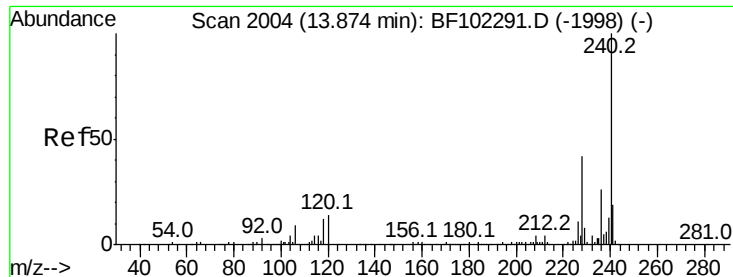
Tot Ion:188 Resp: 448176
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.784 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102346.D
Acq: 23 Jan 2018 15:26

Tgt Ion:248 Resp: 13434
Ion Ratio Lower Upper
248 100
250 197.6 76.9 115.3#
141 562.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

Instrument :

BNA_F

ClientSampled :

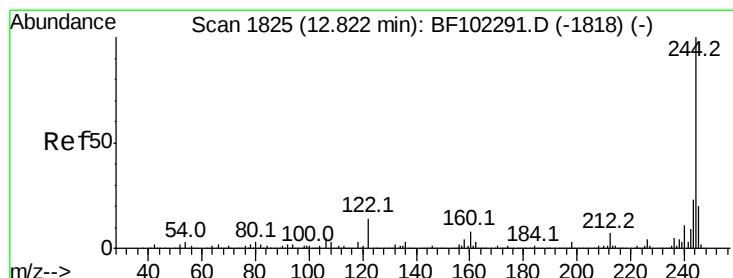
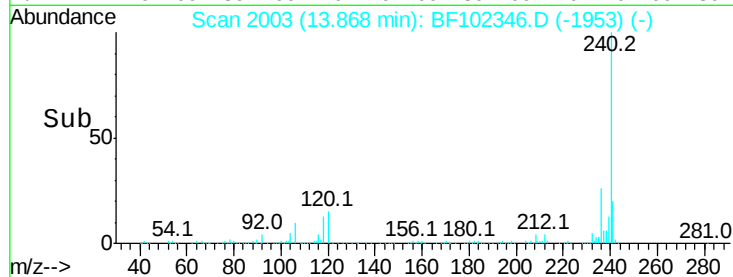
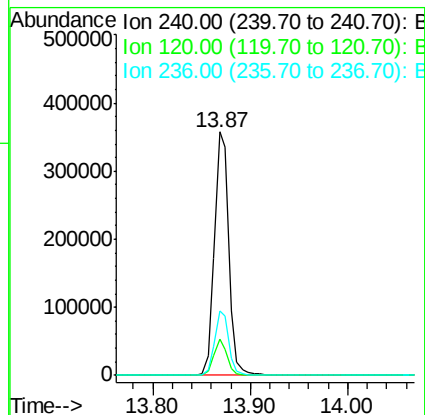
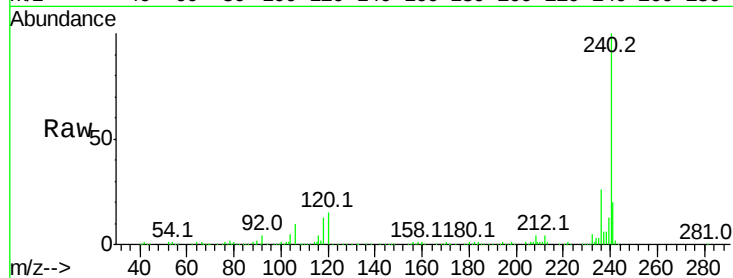
Tot Ion:240 Resp: 364792

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

236 26.3 20.7 31.1



#78

Terphenyl-d14

Concen: 74.947 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102346.D

Acq: 23 Jan 2018 15:26

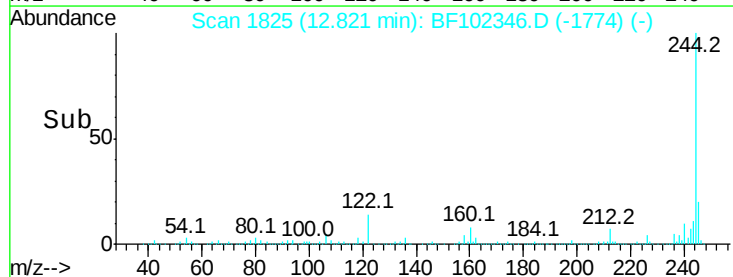
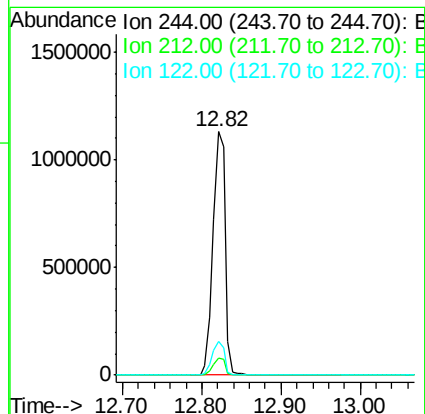
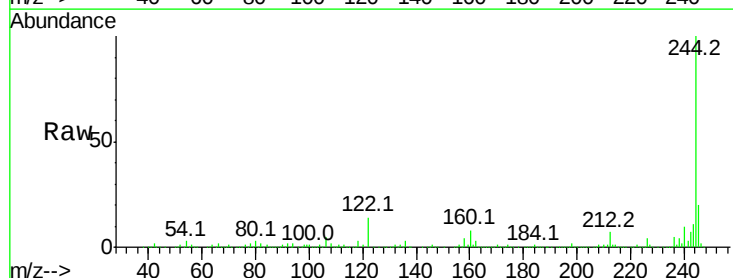
Tgt Ion:244 Resp: 1212762

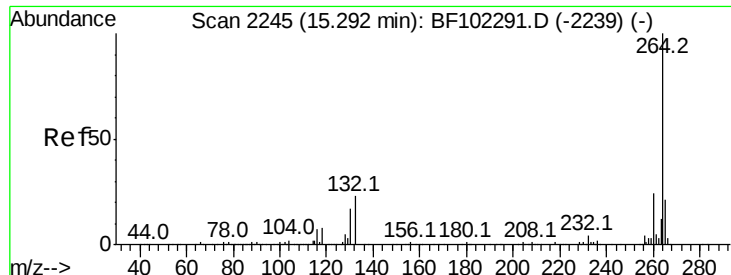
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 14.0 11.0 16.4

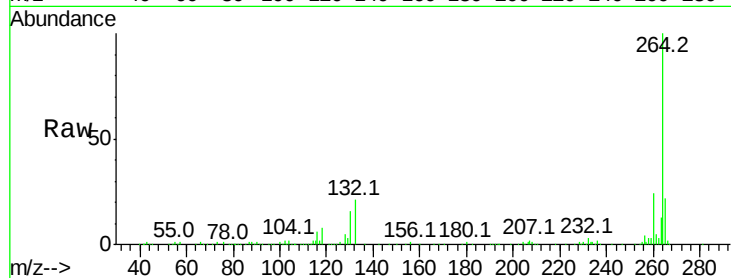




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102346.D
 Acq: 23 Jan 2018 15:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 284230
 Ion Ratio Lower Upper
 264 100
 260 23.8 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

