

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102444.D
 Acq On : 26 Jan 2018 00:39
 Operator : SJ/JU
 Sample : J1251-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 01:34:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

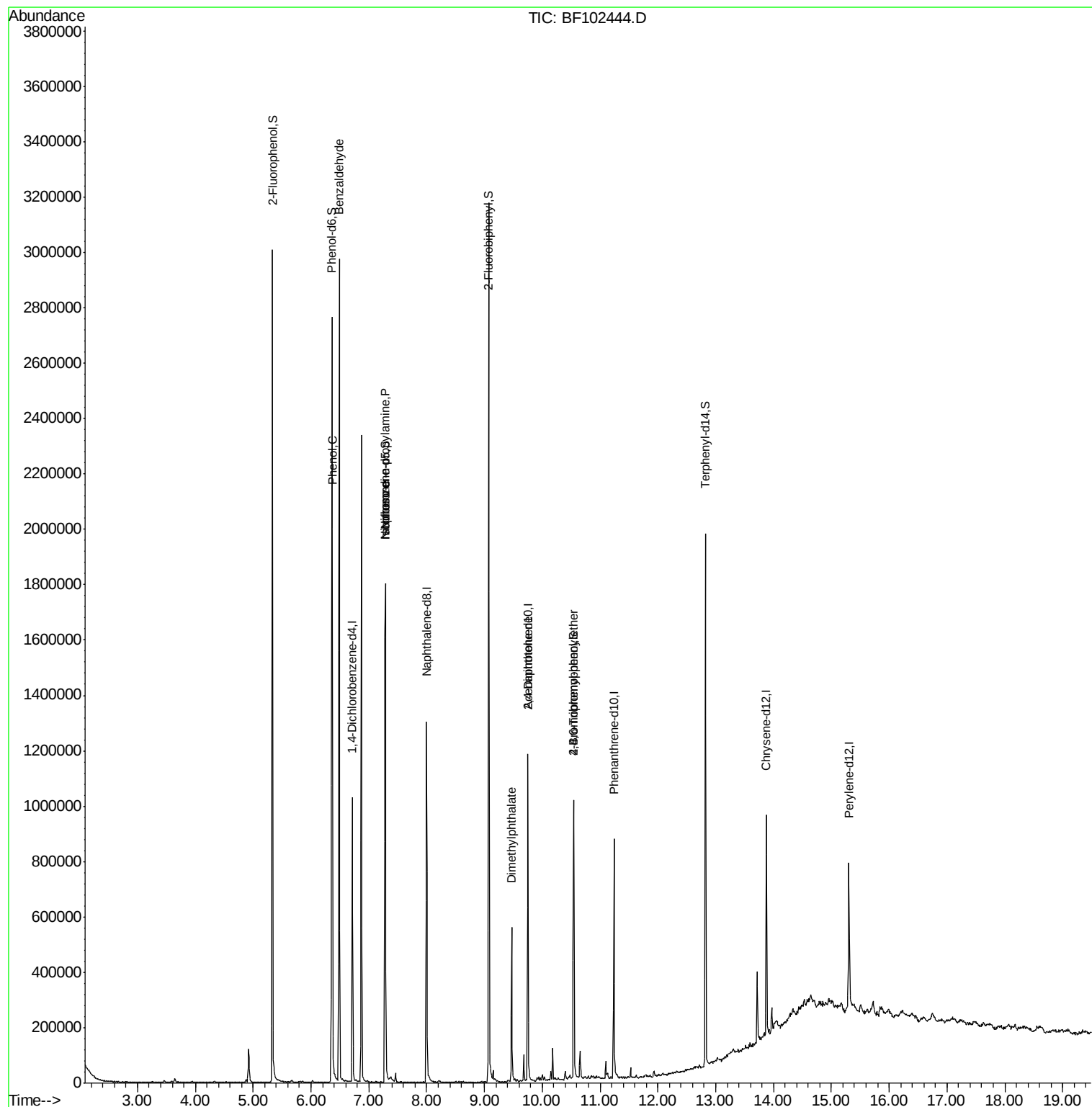
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147647	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	591328	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237148	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	328438	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279473	20.00	ng	0.00
86) Perylene-d12	15.30	264	254549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	872525	89.60	ng	0.01
7) Phenol-d6	6.36	99	1063185	90.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	636307	61.84	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	125686	53.49	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	998782	61.93	ng	0.00
78) Terphenyl-d14	12.82	244	617982	49.85	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	18833	2.336	ng	83
10) Phenol	6.37	94	65490	5.110	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	82781	11.523	ng	# 79
25) Isophorone	7.29	82	632952	34.504	ng	# 64
49) Dimethylphthalate	9.47	163	239302	12.208	ng	99
56) 2,4-Dinitrotoluene	9.75	165	29810	5.736	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	8745	2.473	ng	# 1

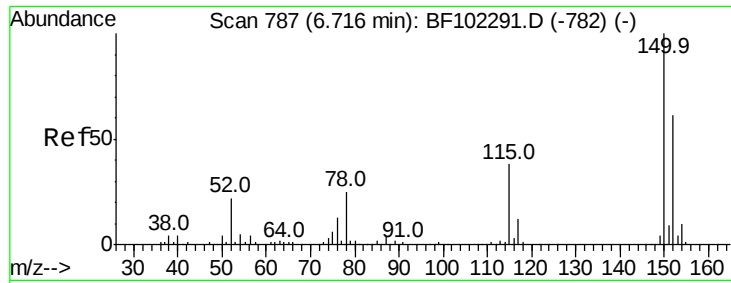
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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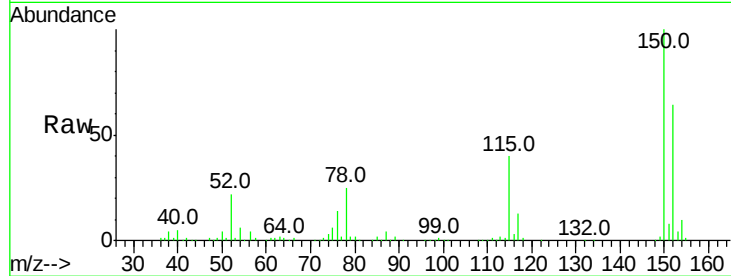


#1

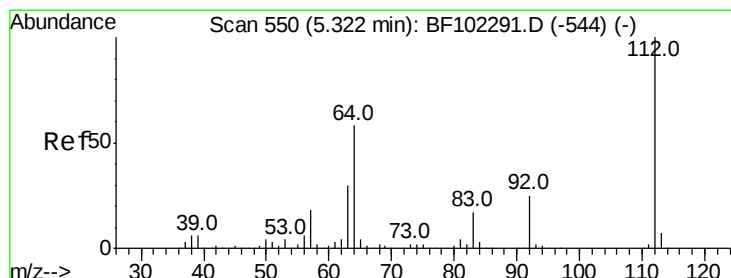
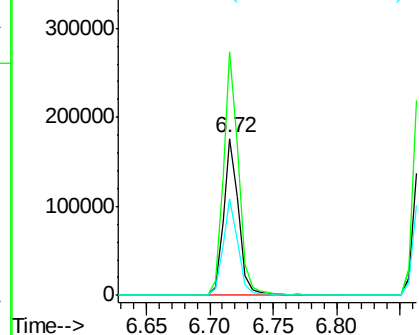
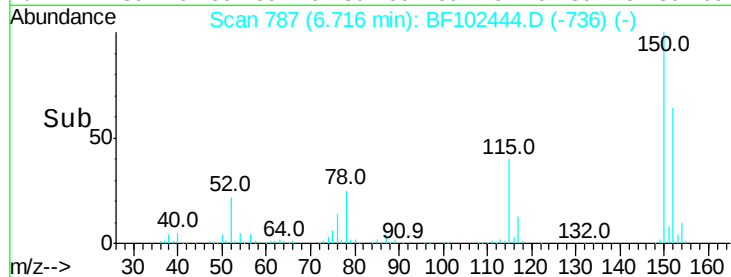
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147647
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 61.7 50.1 75.1



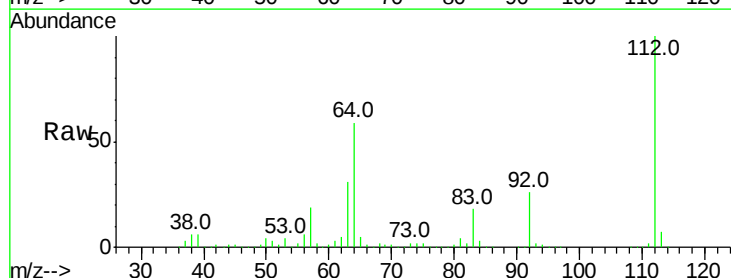
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



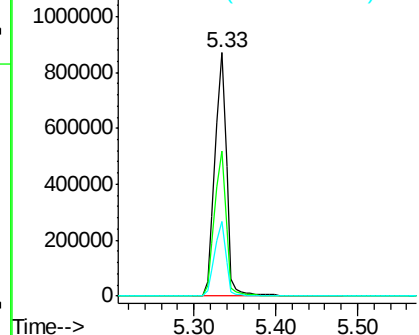
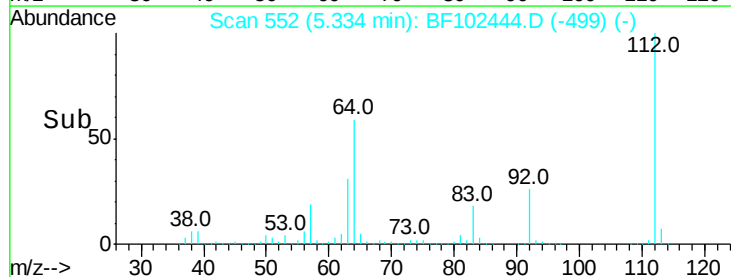
#5

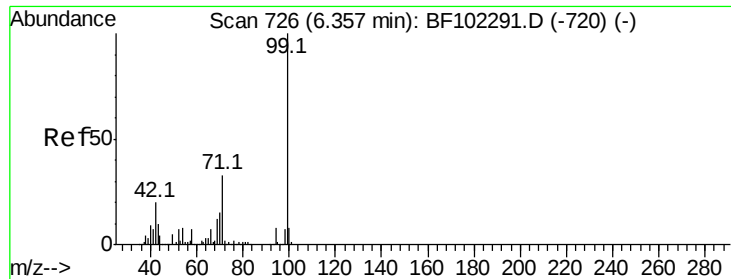
2-Fluorophenol
Concen: 89.604 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion:112 Resp: 872525
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.7 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: 90.565 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

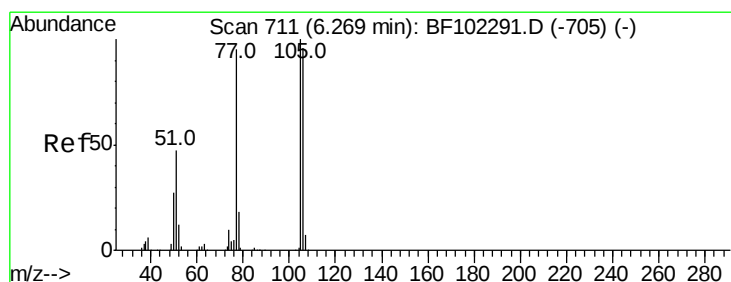
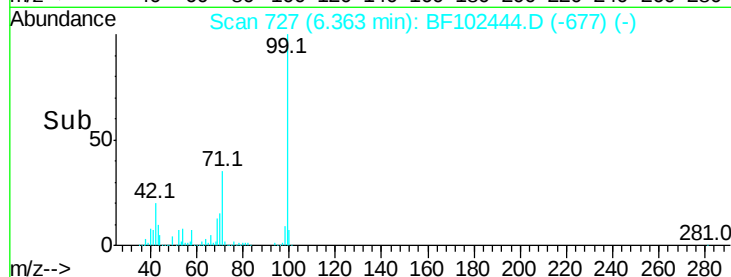
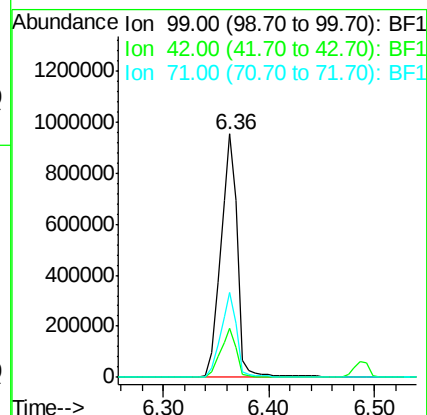
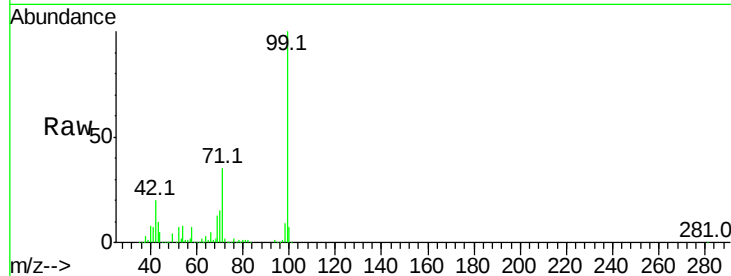
Tot Ion: 99 Resp: 1063185

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.7 25.4 38.0



#9

Benzaldehyde

Concen: 2.336 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

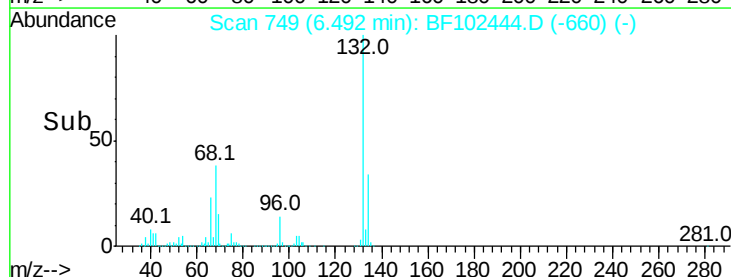
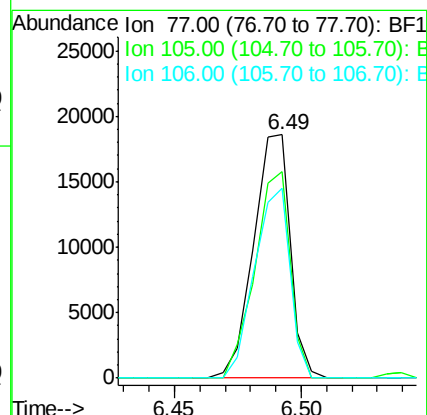
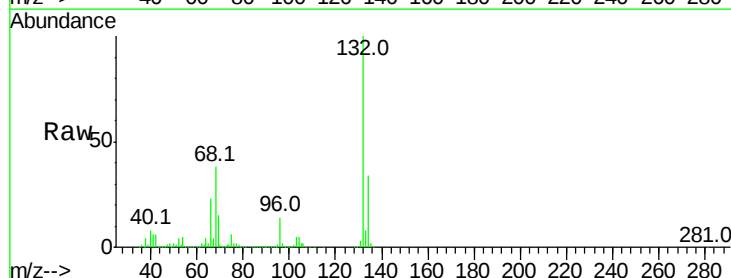
Tgt Ion: 77 Resp: 18833

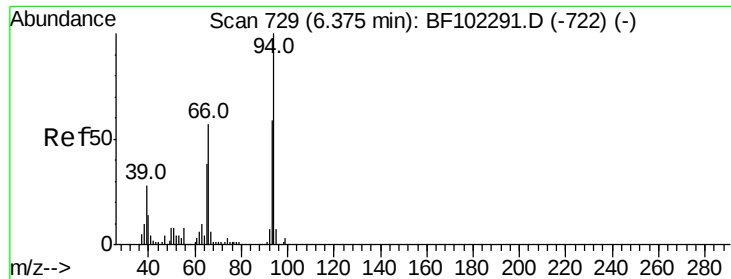
Ion Ratio Lower Upper

77 100

105 84.7 81.1 121.1

106 78.0 74.5 114.5





#10

Phenol

Concen: 5.110 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

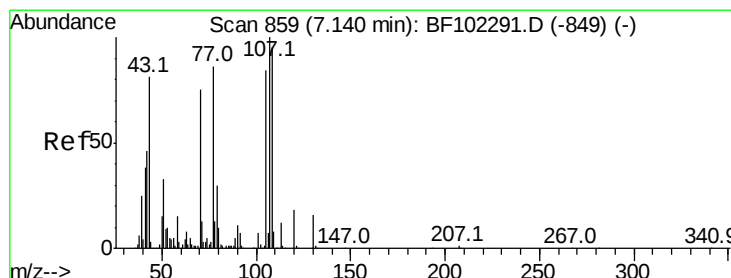
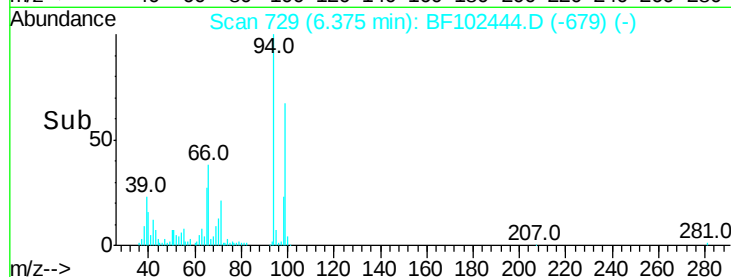
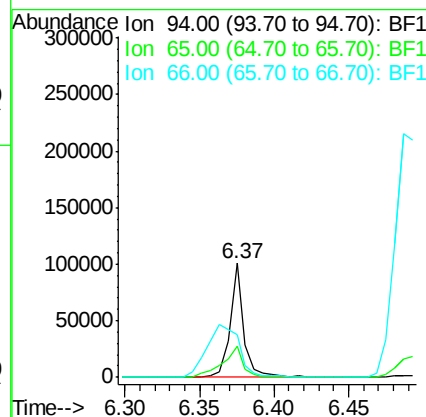
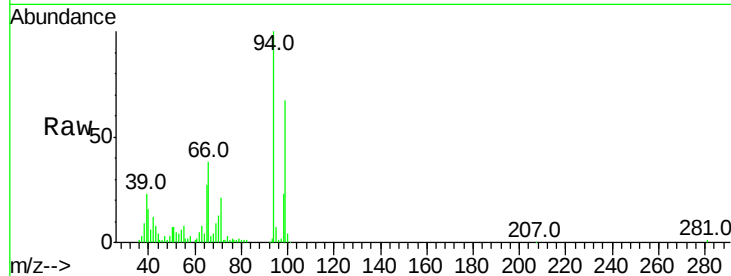
Tot Ion: 94 Resp: 65490

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 38.0 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.523 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Tgt Ion: 70 Resp: 82781

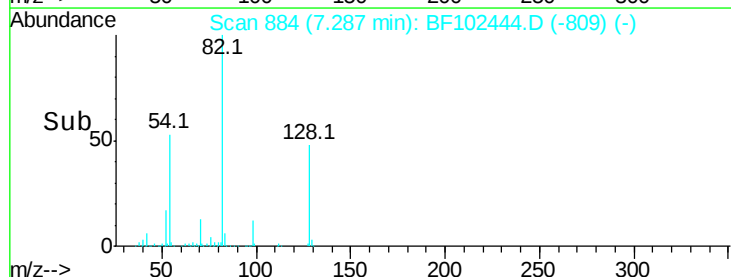
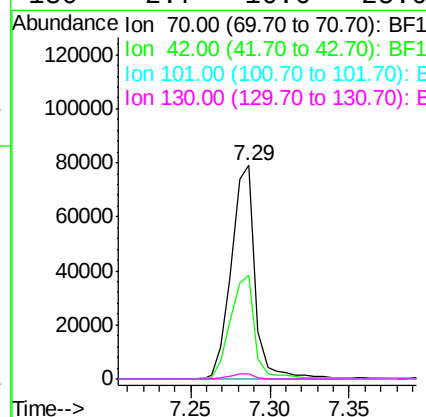
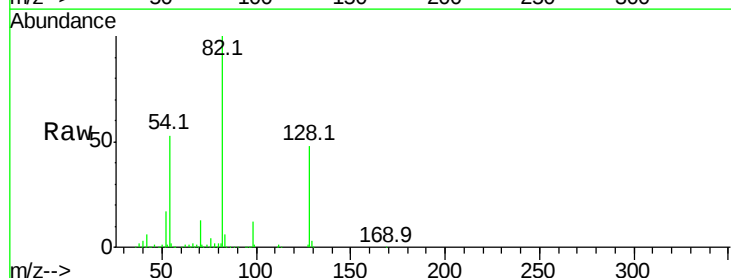
Ion Ratio Lower Upper

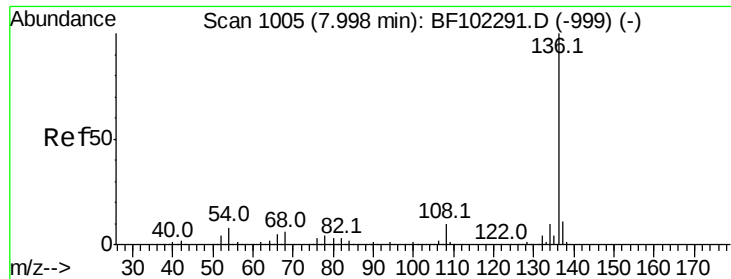
70 100

42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.7 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: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 591328

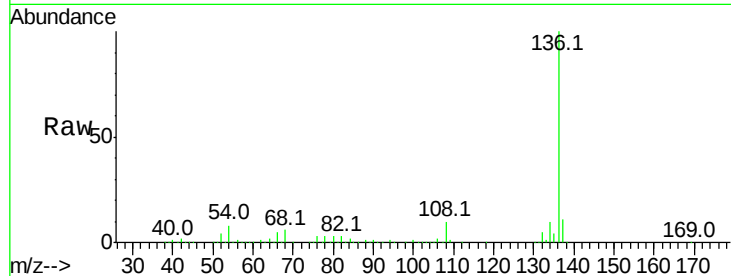
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 5.8 5.0 7.4

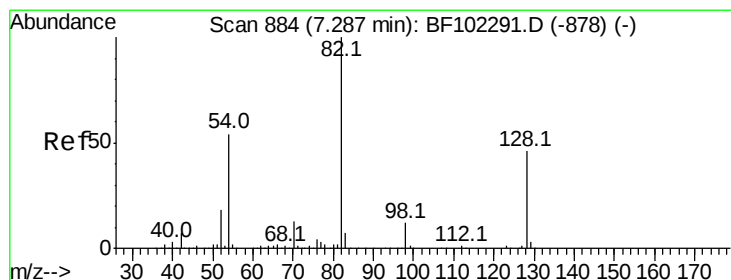
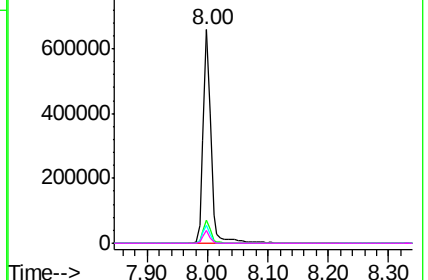
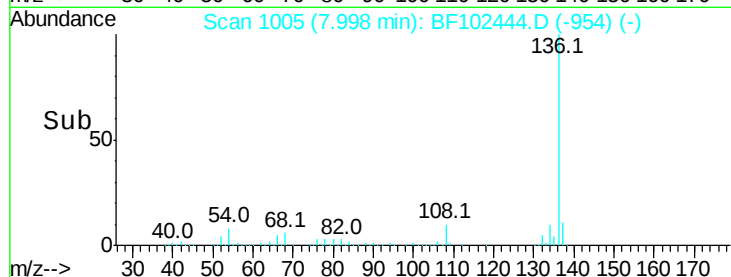


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.838 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

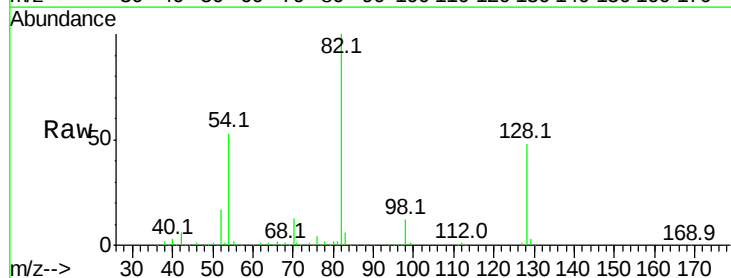
Tgt Ion: 82 Resp: 636307

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

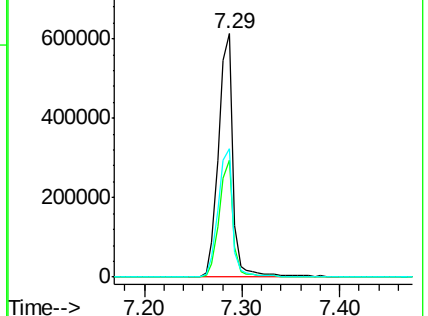
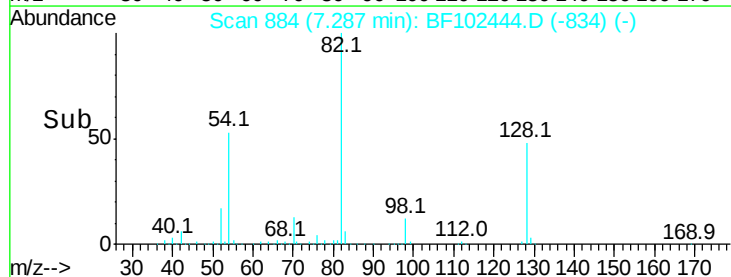
54 52.7 41.4 62.2

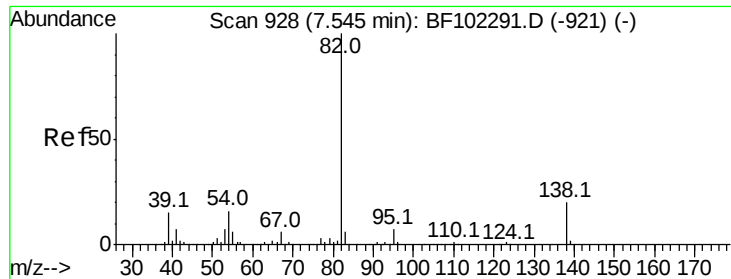


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.504 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampled :

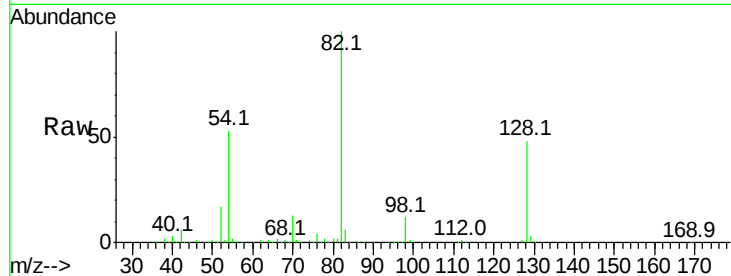
Tot Ion: 82 Resp: 632952

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

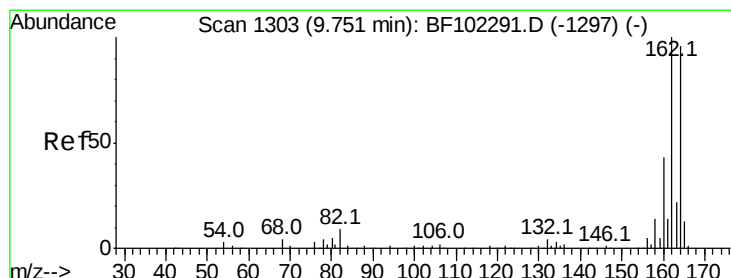
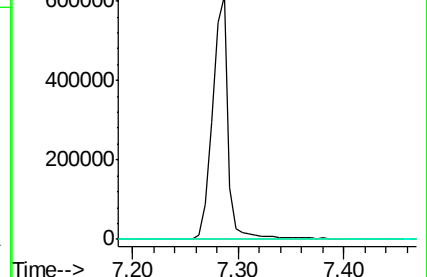
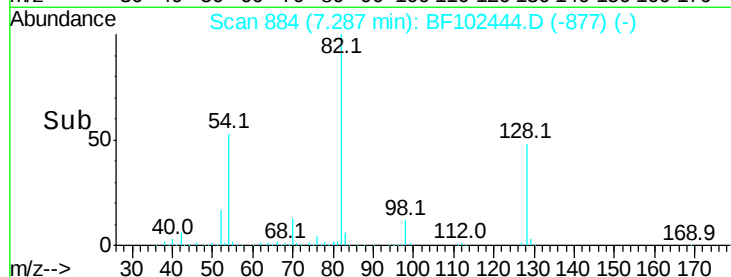
138 0.0 14.9 22.3#



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. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

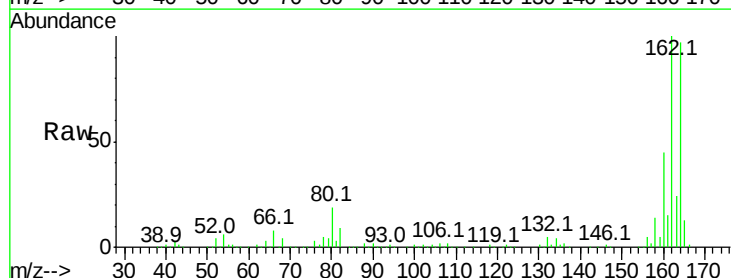
Tgt Ion:164 Resp: 237148

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

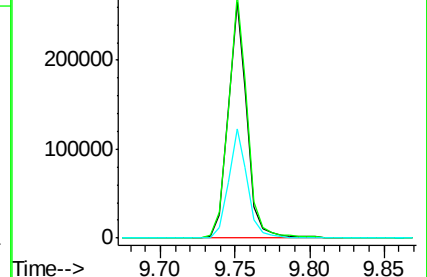
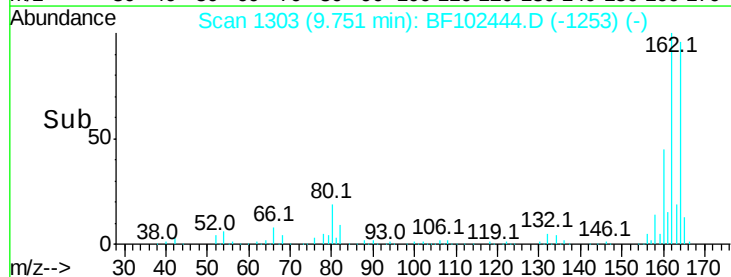
160 46.4 38.3 57.5

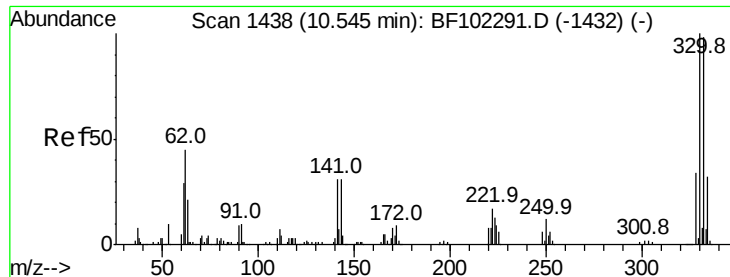


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

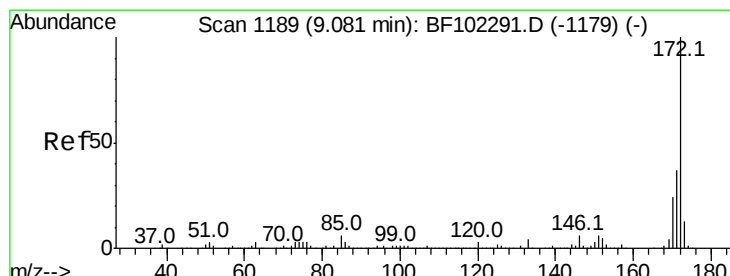
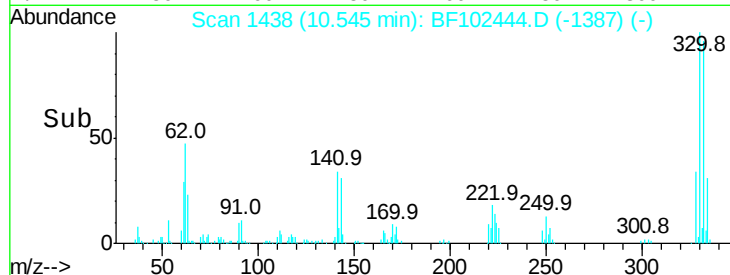
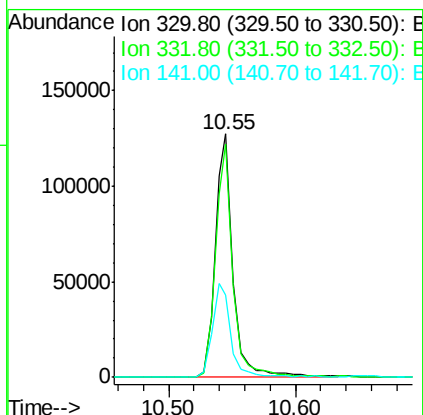
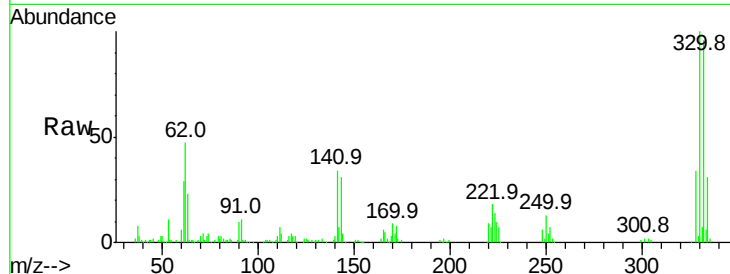




#41
 2,4,6-Tribromophenol
 Concen: 53.488 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102444.D
 Acq: 26 Jan 2018 00:39

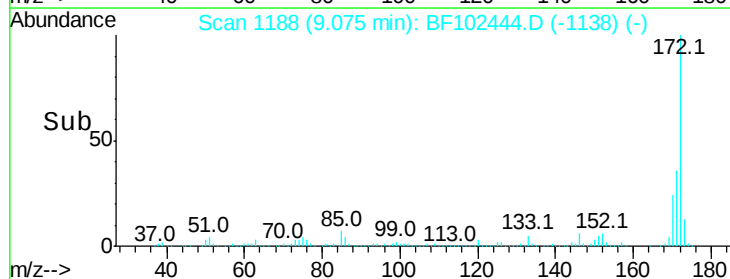
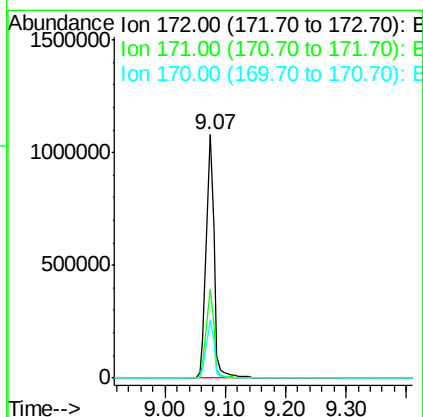
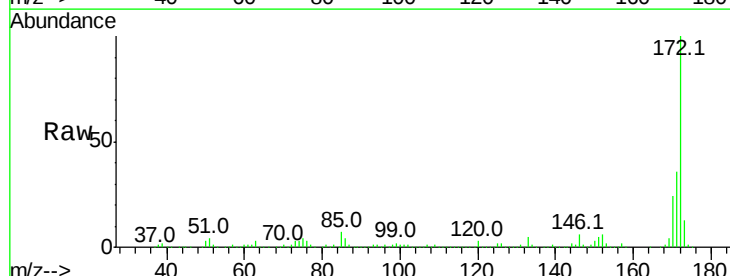
Instrument :
 BNA_F
 ClientSampleId :

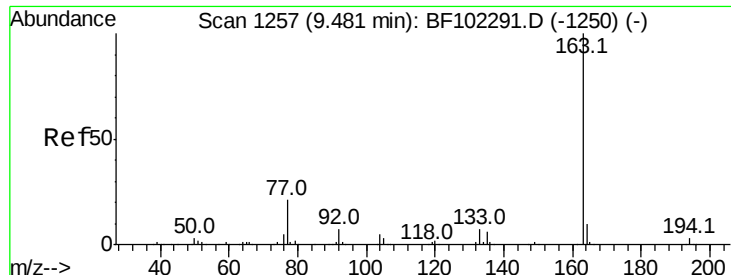
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	40.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 61.926 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102444.D
 Acq: 26 Jan 2018 00:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

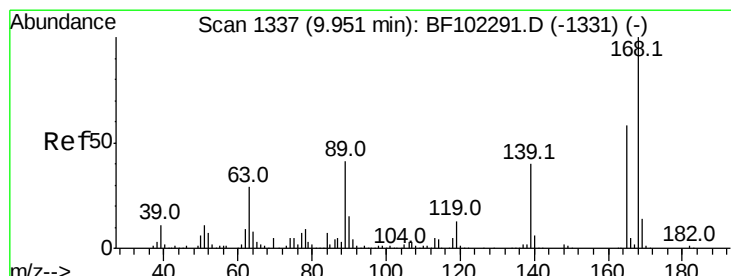
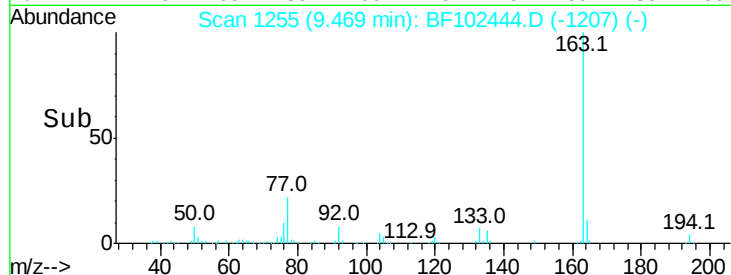
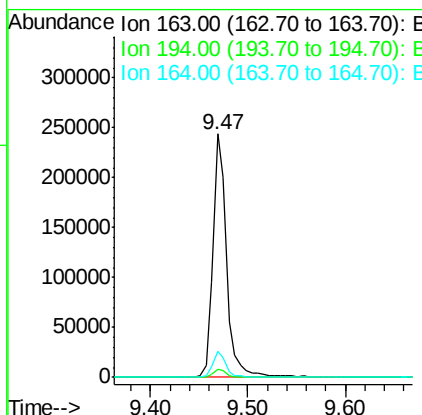
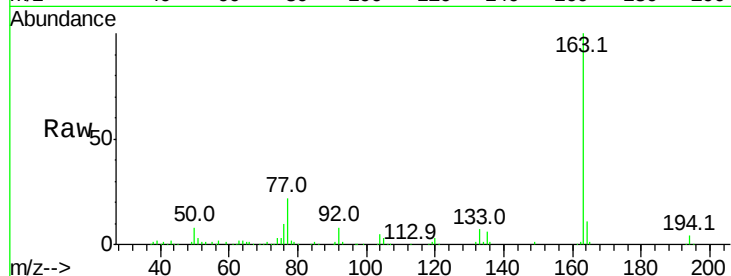




#49
Dimethylphthalate
Concen: 12.208 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

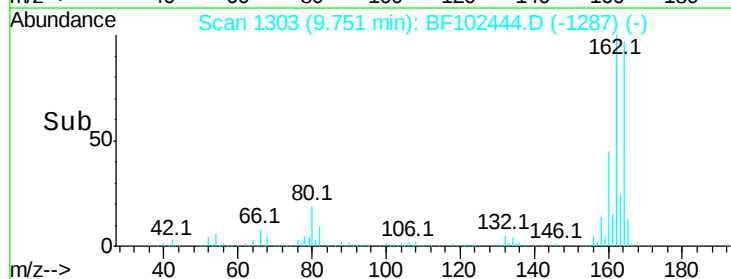
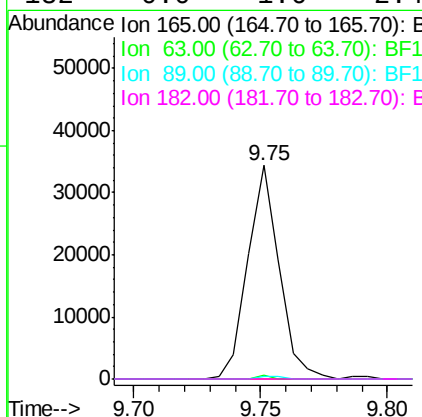
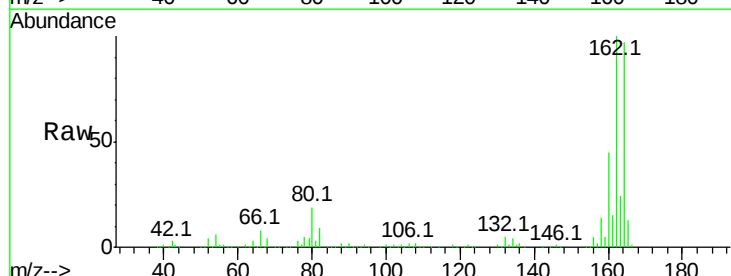
Instrument :
BNA_F
ClientSampleId :

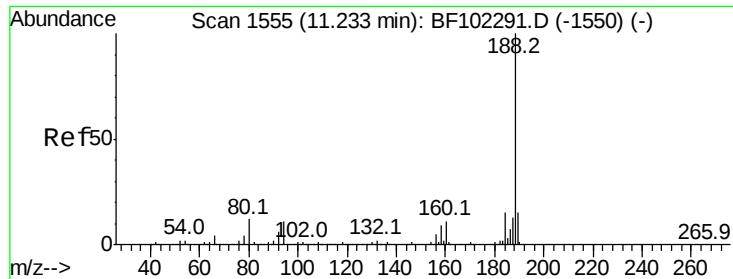
Tot Ion:163 Resp: 239302
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.736 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion:165 Resp: 29810
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

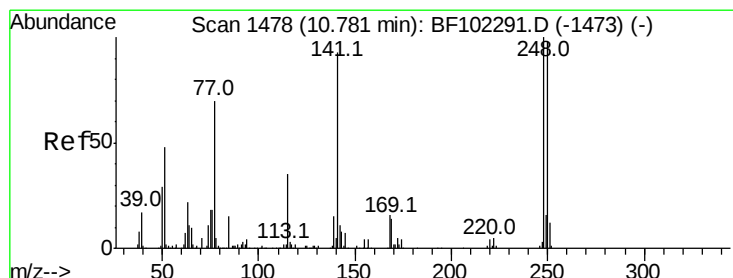
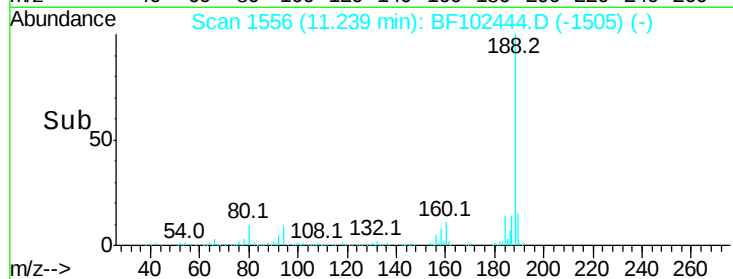
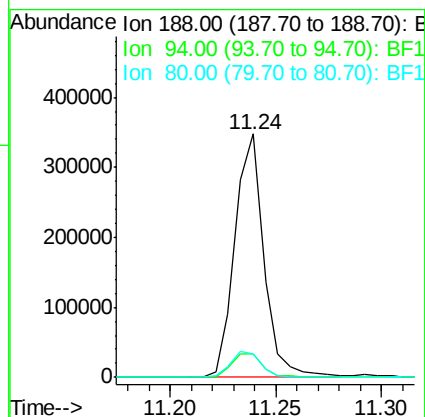
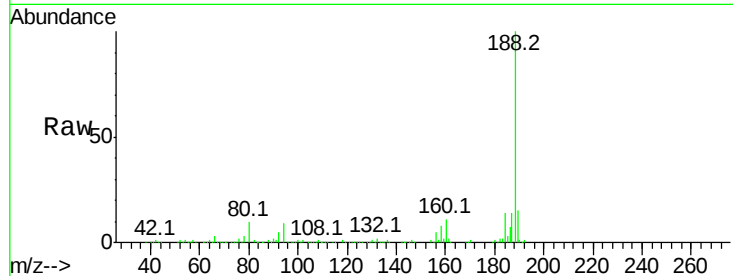




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

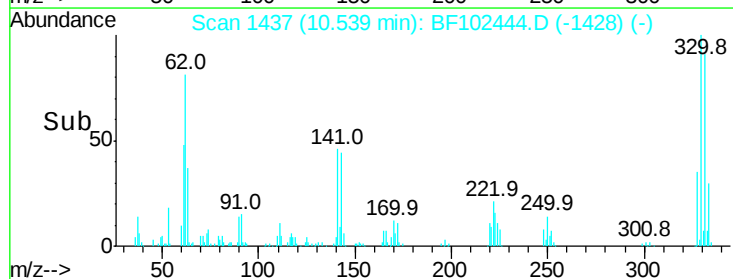
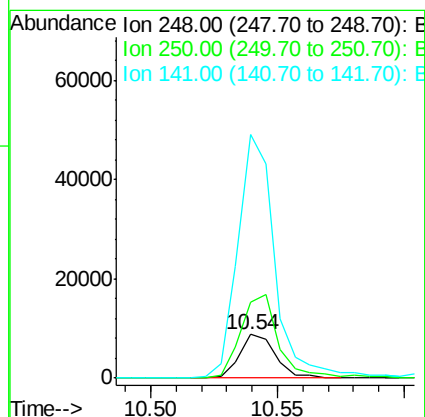
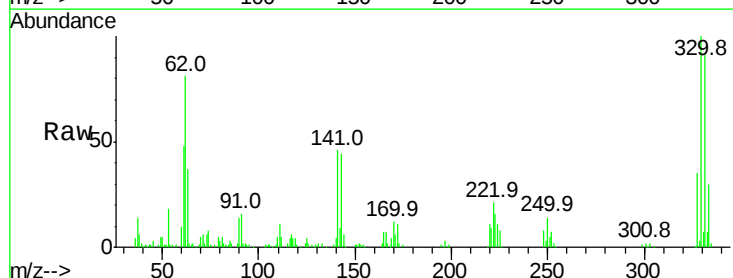
Instrument :
BNA_F
ClientSampleId :

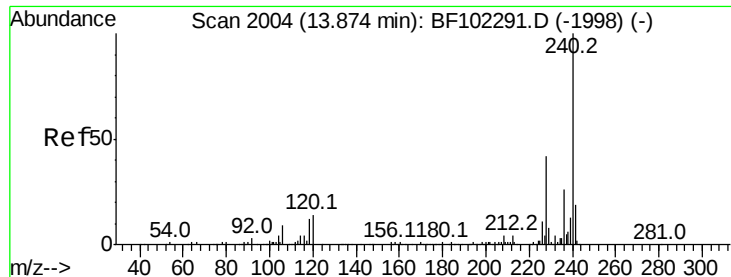
Tot Ion:188 Resp: 328438
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.473 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion:248 Resp: 8745
Ion Ratio Lower Upper
248 100
250 172.2 76.9 115.3#
141 556.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

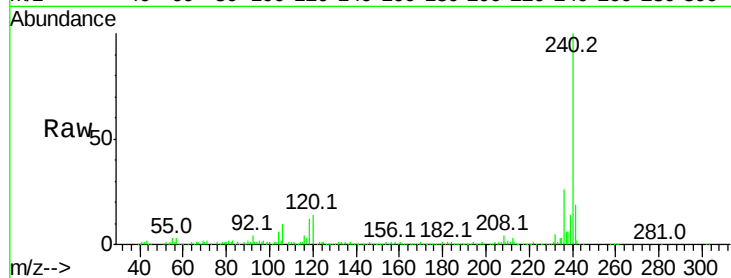
Tot Ion:240 Resp: 279473

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

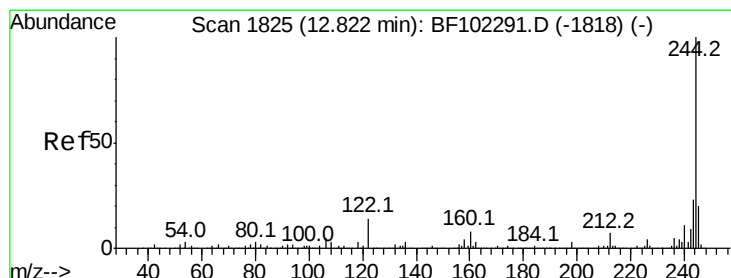
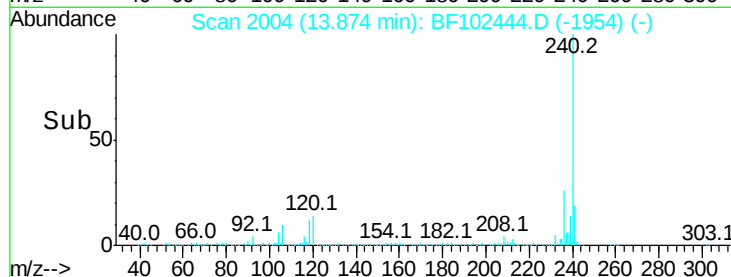
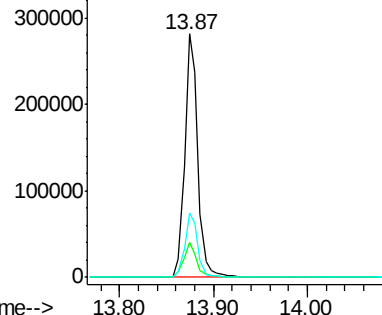
236 26.4 20.7 31.1



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: 49.849 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

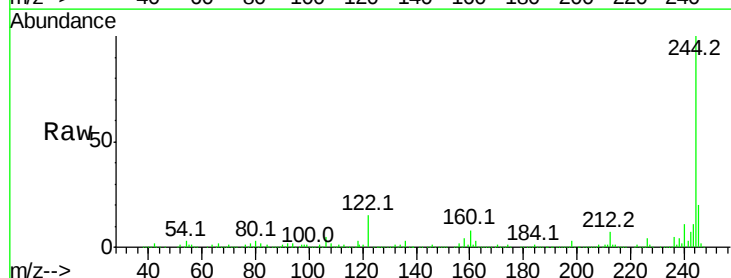
Tgt Ion:244 Resp: 617982

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

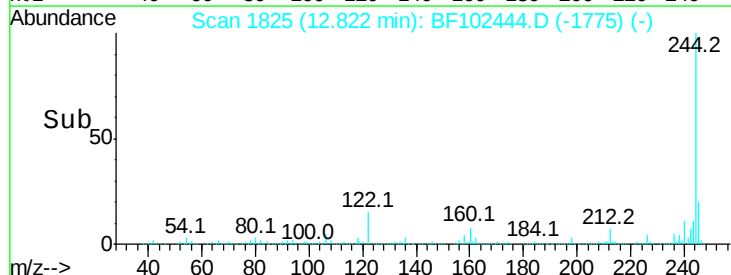
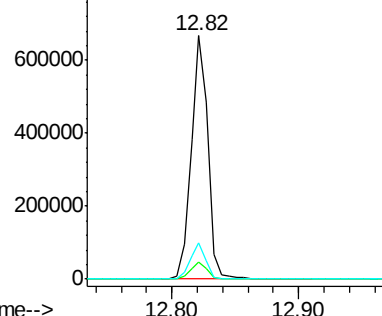
122 15.0 11.0 16.4

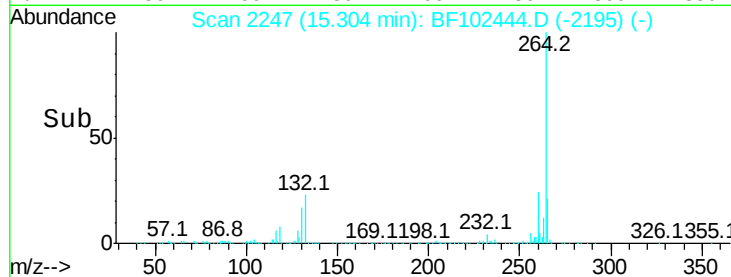
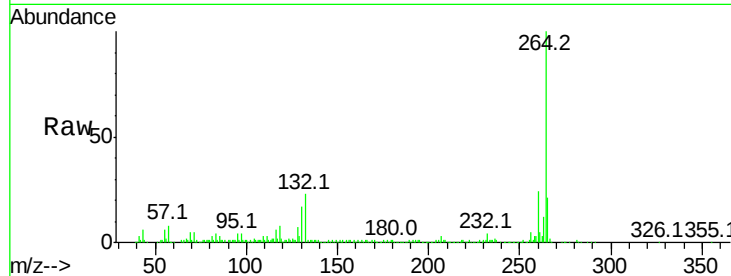
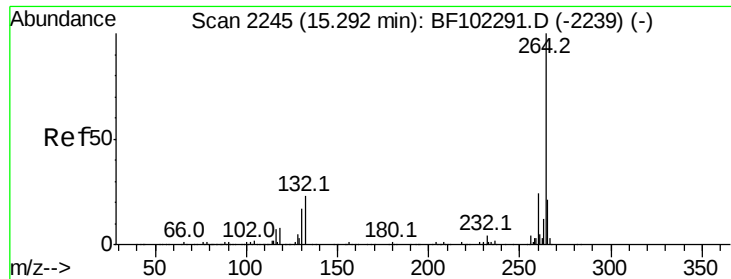


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2247

Delta R.T. 0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 254549

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.8 17.5 26.3

