

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102495.D
 Acq On : 27 Jan 2018 4:47
 Operator : SJ/JU
 Sample : J1264-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 06:03:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

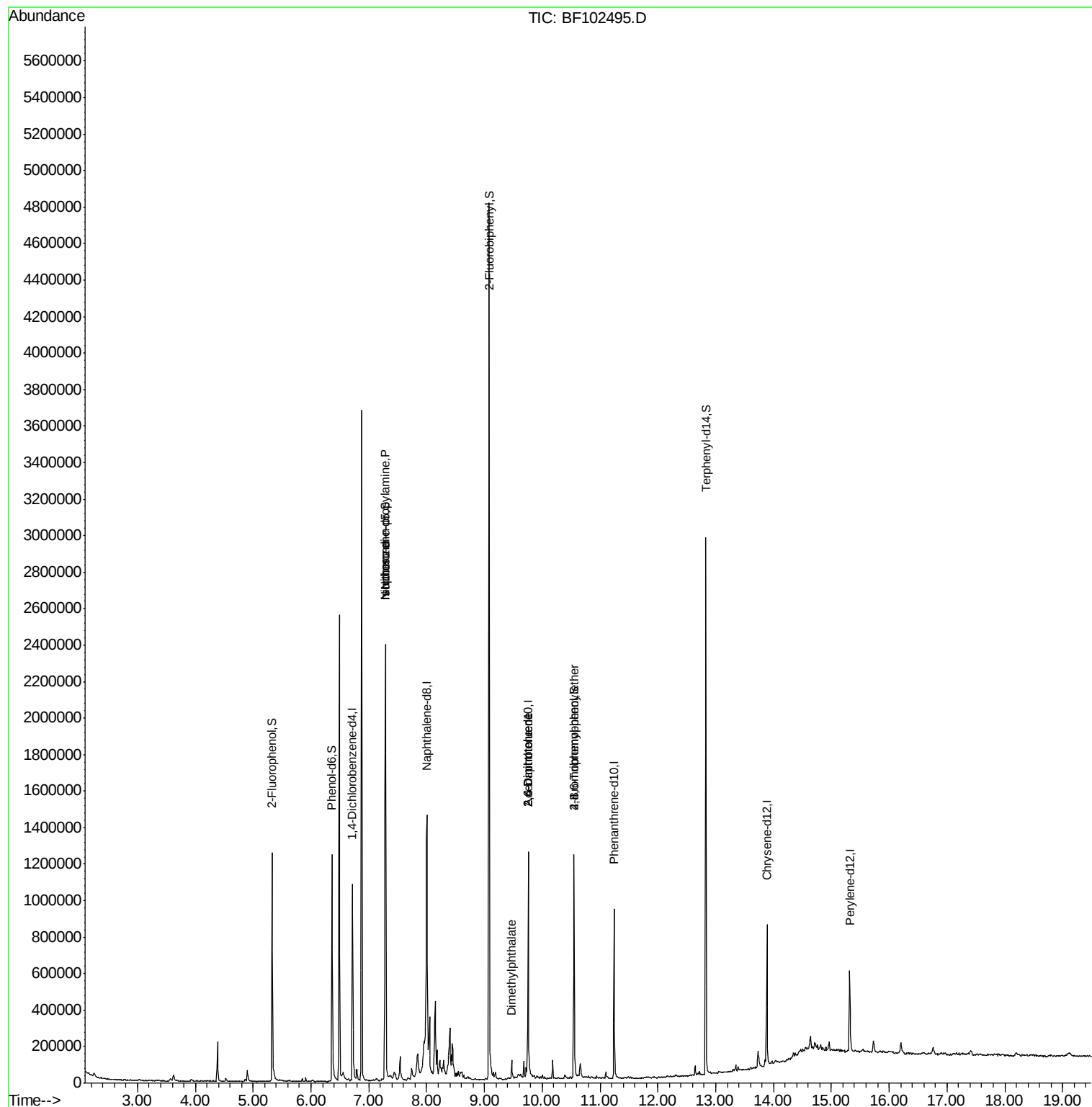
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162720	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625237	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	245796	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	355655	20.00	ng	0.00
75) Chrysene-d12	13.89	240	296879	20.00	ng	0.00
86) Perylene-d12	15.32	264	187494	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	387644	36.12	ng	0.00
7) Phenol-d6	6.36	99	299957	23.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	822210	75.57	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	143530	58.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1602704	95.87	ng	0.00
78) Terphenyl-d14	12.83	244	1069434	81.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	106795	13.488	ng	# 81
25) Isophorone	7.29	82	812630	41.896	ng	# 64
49) Dimethylphthalate	9.47	163	43932	2.162	ng	# 99
50) 2,6-Dinitrotoluene	9.76	165	32359	7.387	ng	# 26
56) 2,4-Dinitrotoluene	9.76	165	32359	6.007	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	9594	2.506	ng	# 1

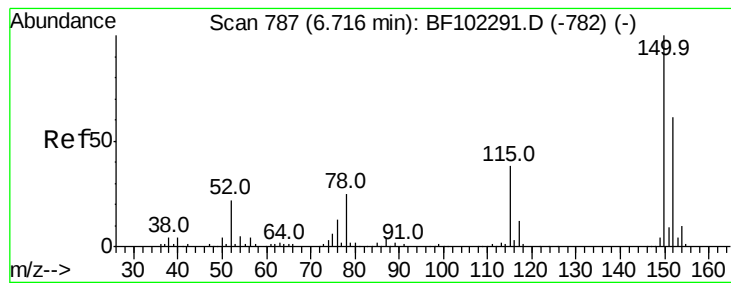
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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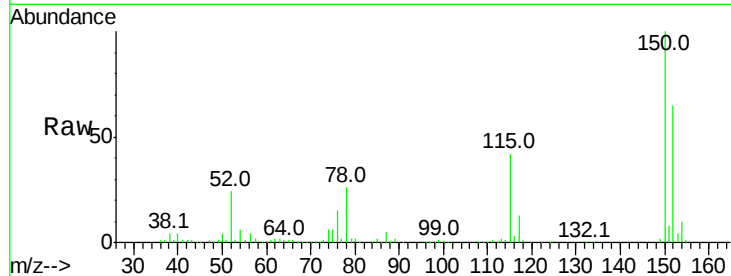


#1

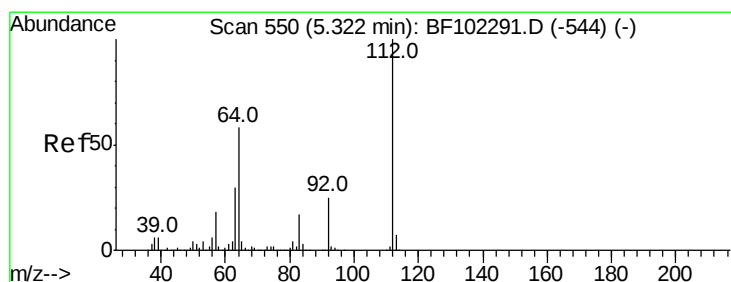
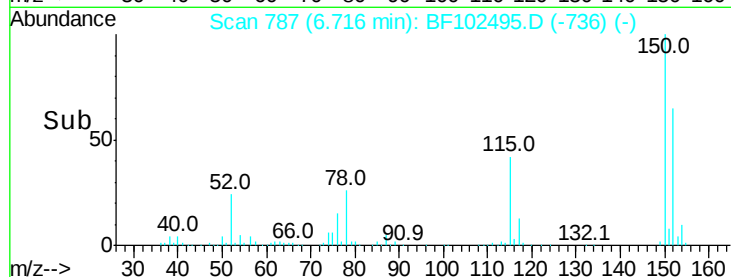
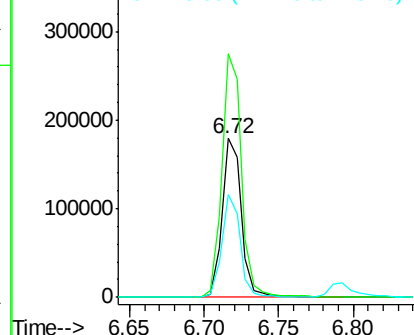
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102495.D
Acq: 27 Jan 2018 4:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162720
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 64.8 50.1 75.1



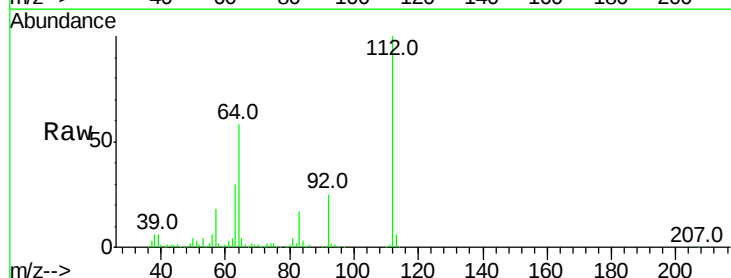
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



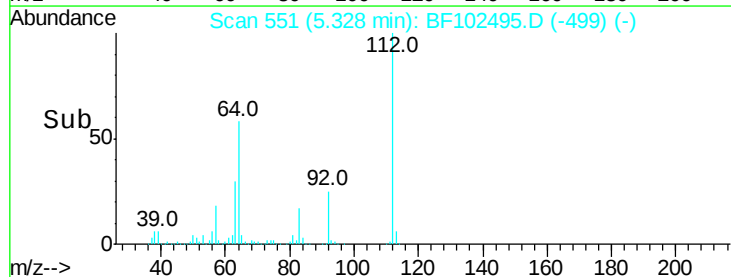
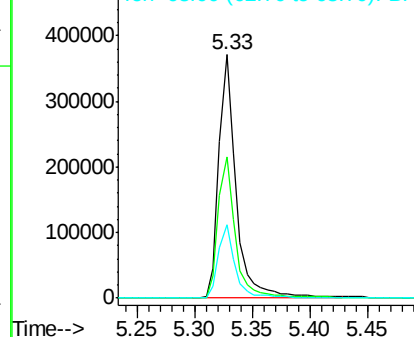
#5

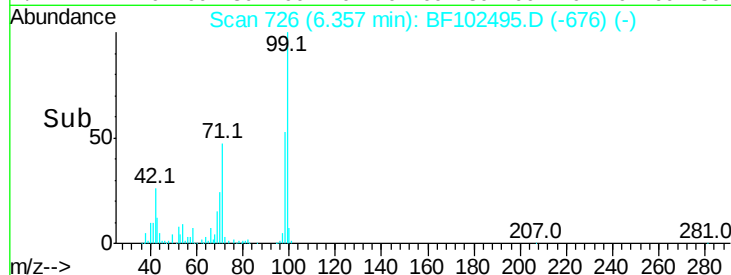
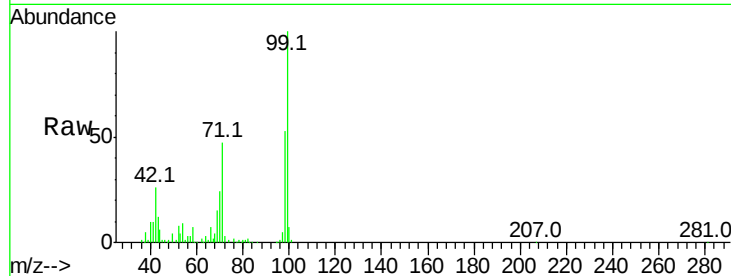
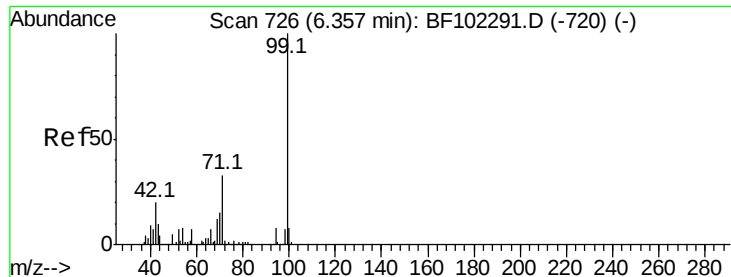
2-Fluorophenol
Concen: 36.122 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102495.D
Acq: 27 Jan 2018 4:47

Tgt Ion:112 Resp: 387644
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.1 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: 23.184 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampleId :

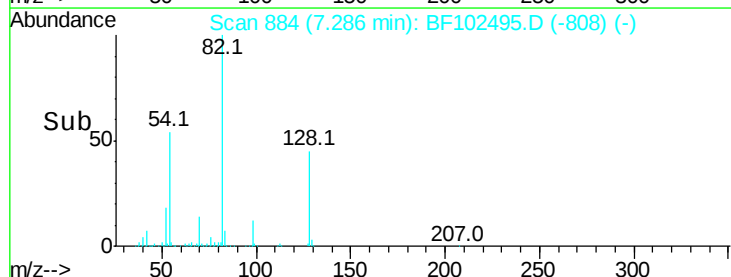
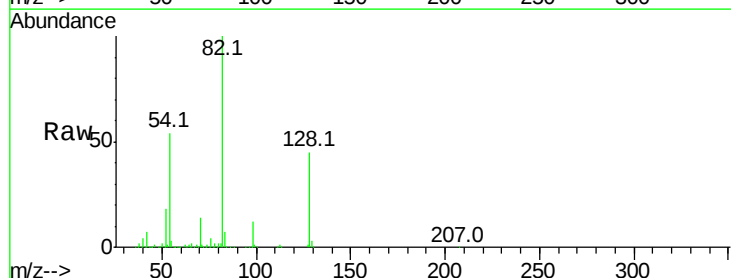
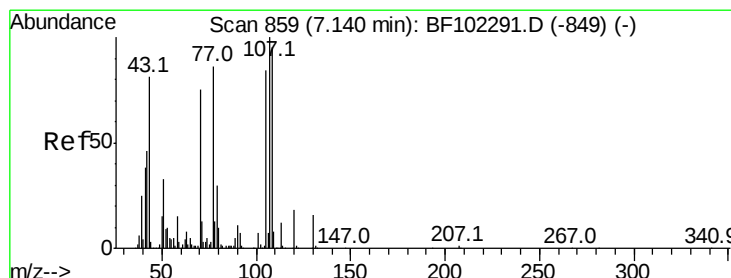
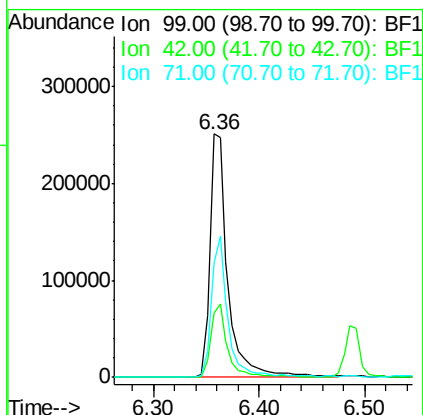
Tot Ion: 99 Resp: 299957

Ion Ratio Lower Upper

99 100

42 26.4 14.5 21.7#

71 46.8 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.488 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Tgt Ion: 70 Resp: 106795

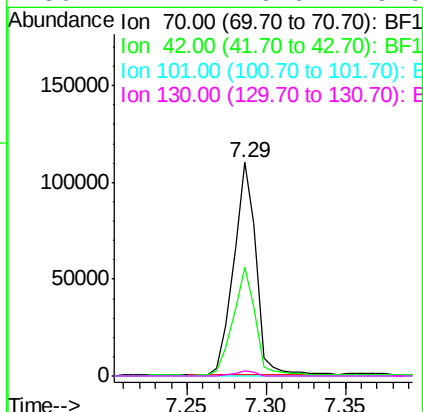
Ion Ratio Lower Upper

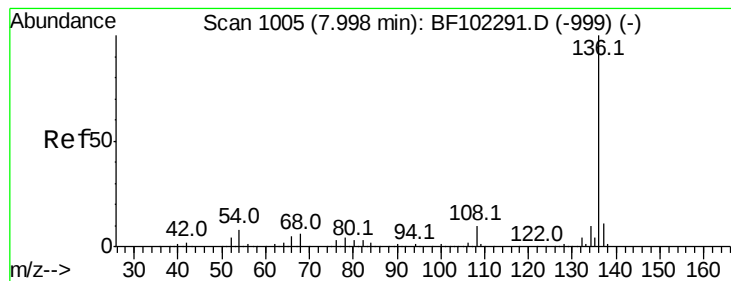
70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 625237

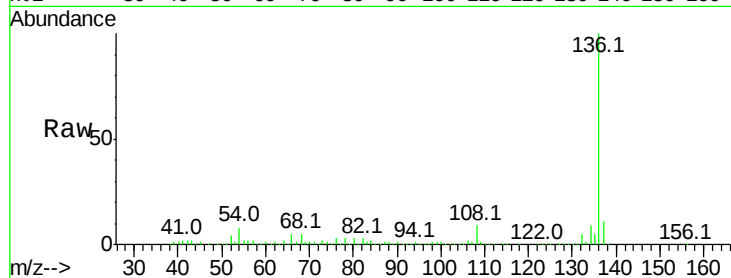
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 6.6 9.8

68 5.5 5.0 7.4

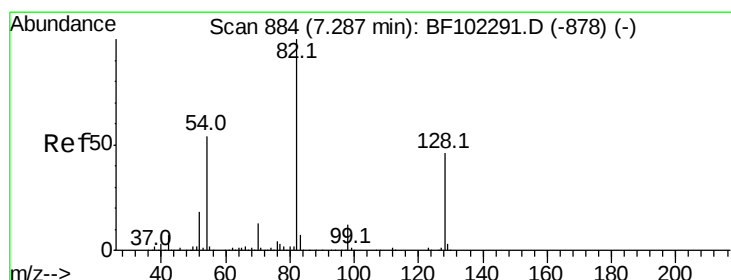
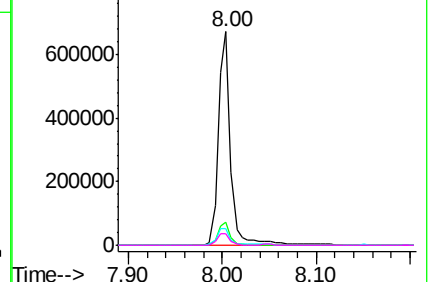
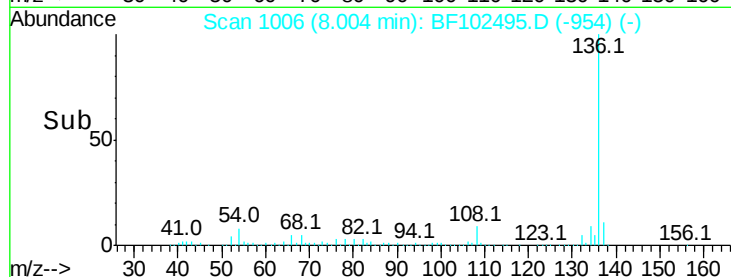


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.571 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

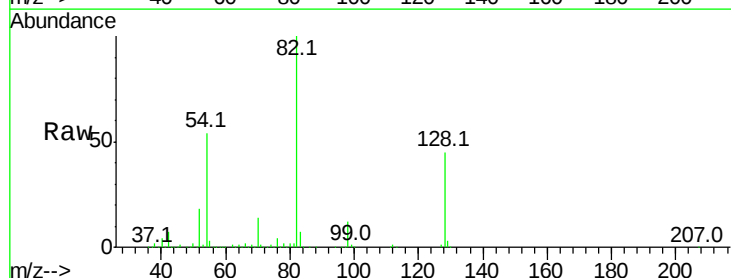
Tgt Ion: 82 Resp: 822210

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

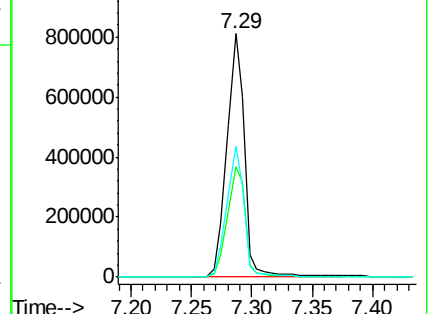
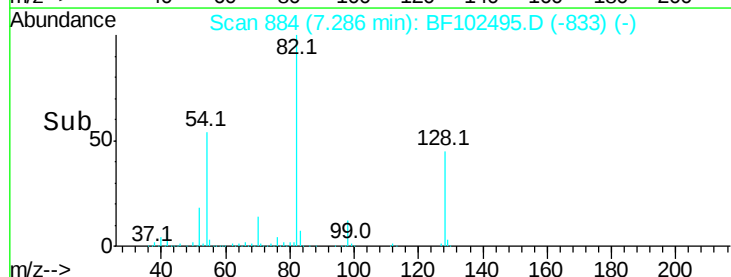
54 53.8 41.4 62.2

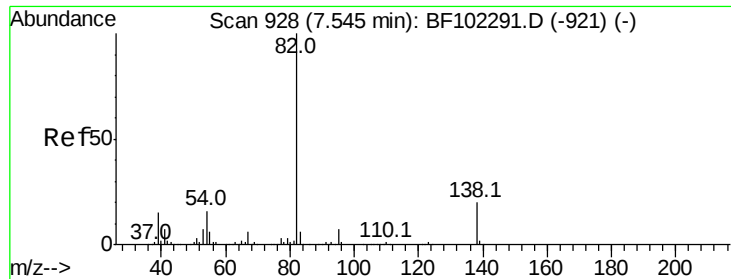


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.896 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

Instrument :

BNA_F

ClientSampled :

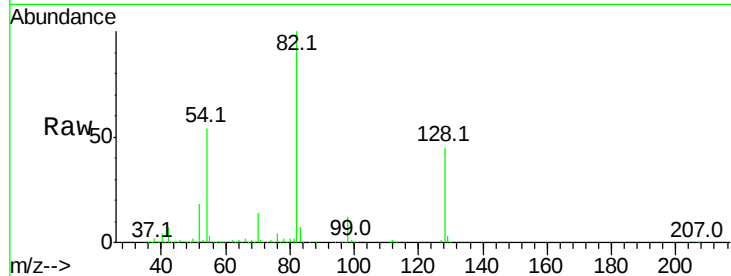
Tot Ion: 82 Resp: 812630

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

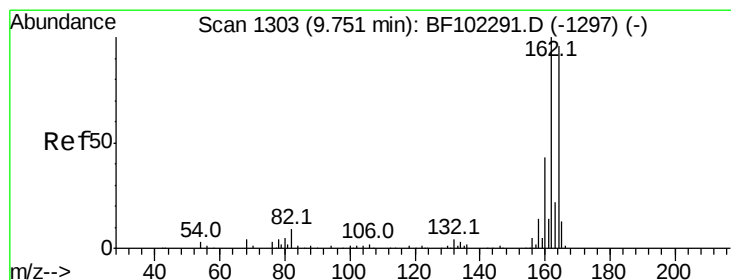
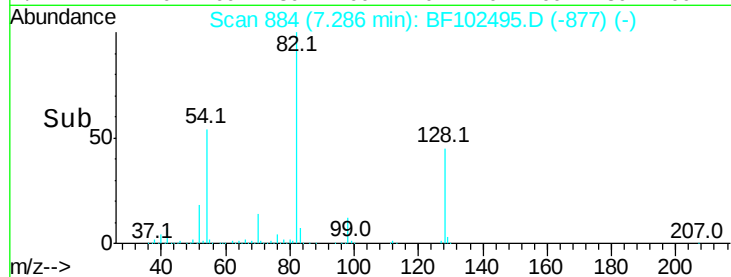
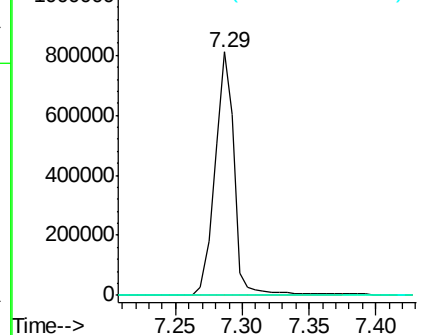
138 0.0 14.9 22.3#



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: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102495.D

Acq: 27 Jan 2018 4:47

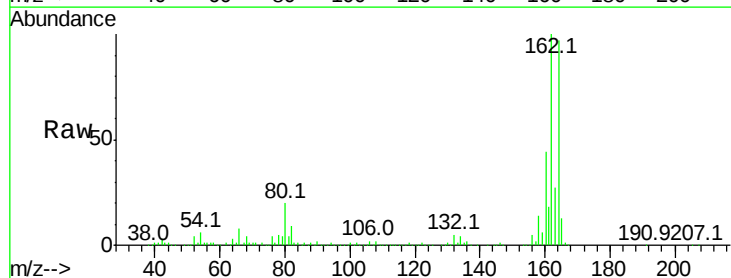
Tgt Ion: 164 Resp: 245796

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

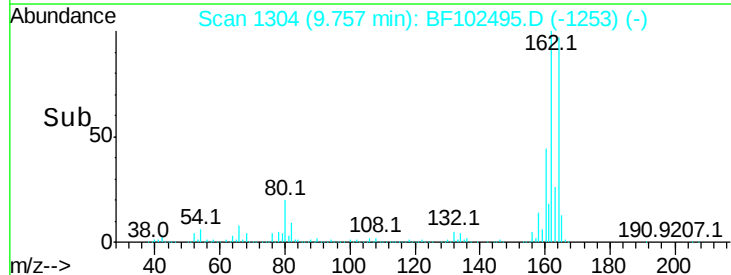
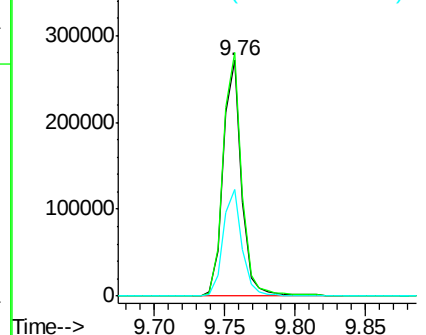
160 45.1 38.3 57.5

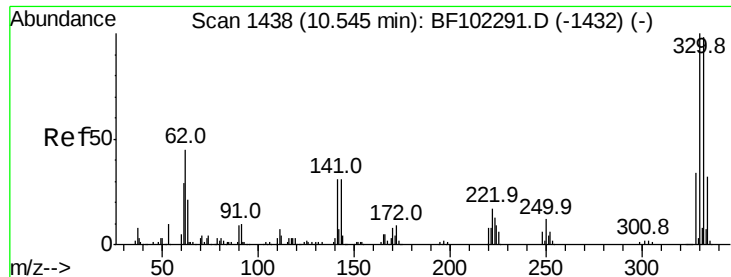


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

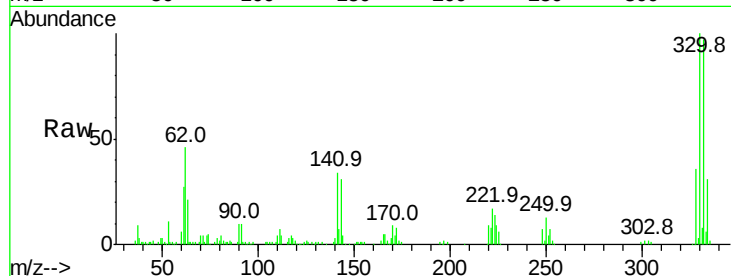




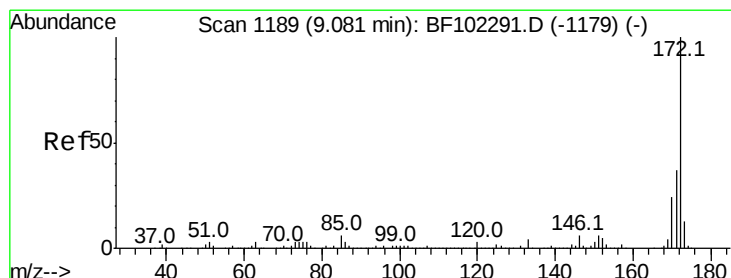
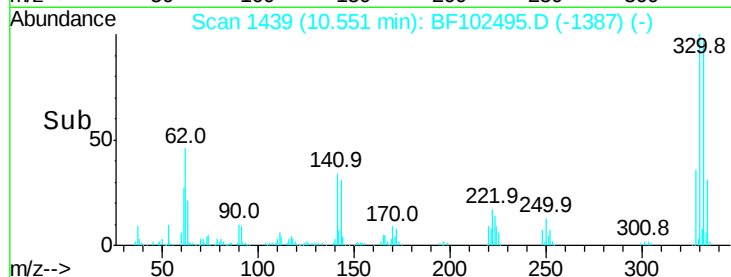
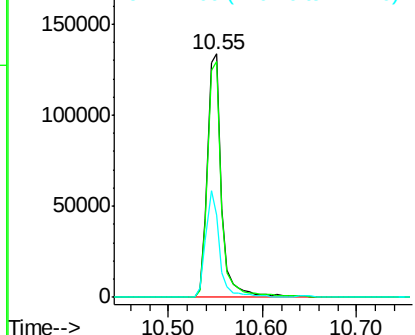
#41
 2,4,6-Tribromophenol
 Concen: 58.933 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 143530
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 42.4 29.9 44.9

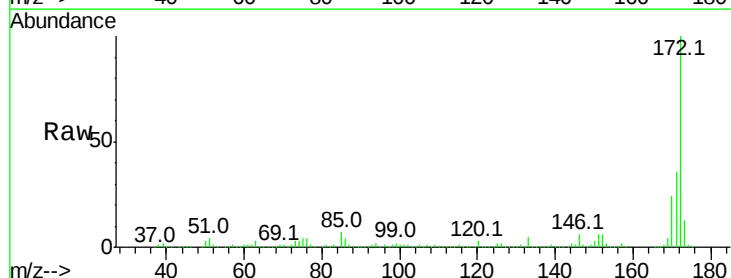


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

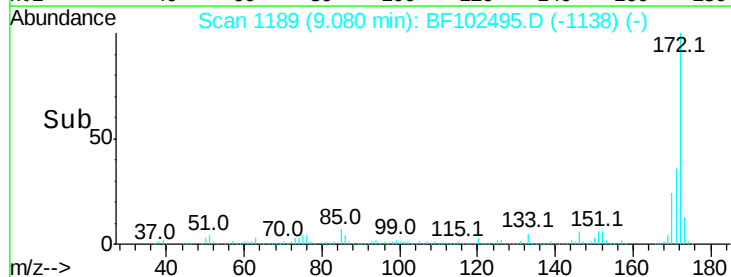
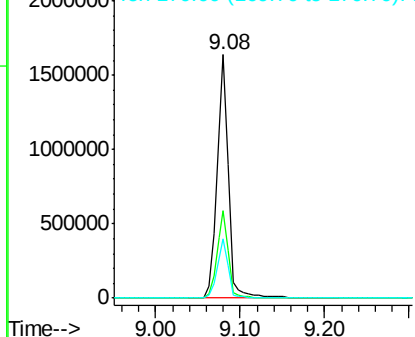


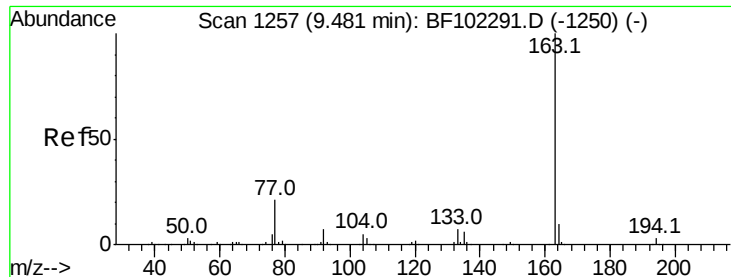
#44
 2-Fluorobiphenyl
 Concen: 95.874 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Tgt Ion:172 Resp: 1602704
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 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

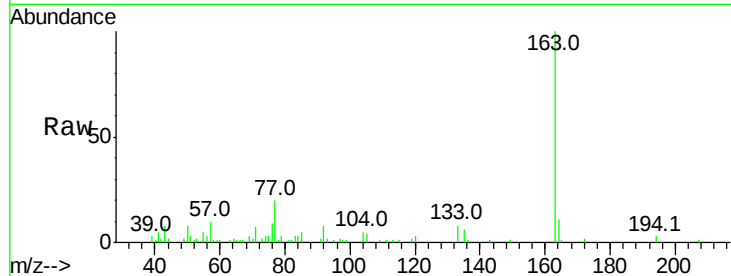




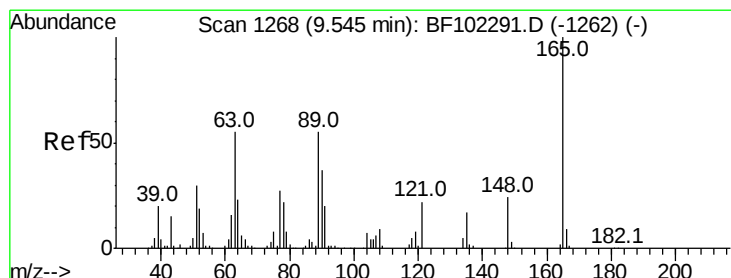
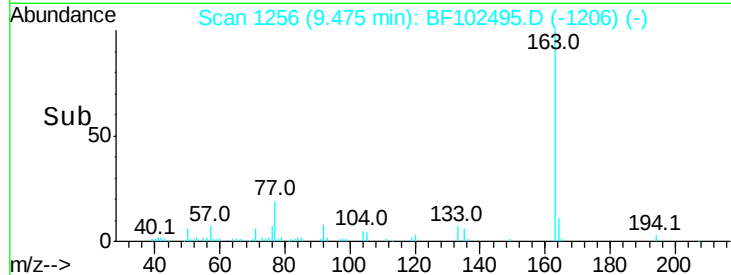
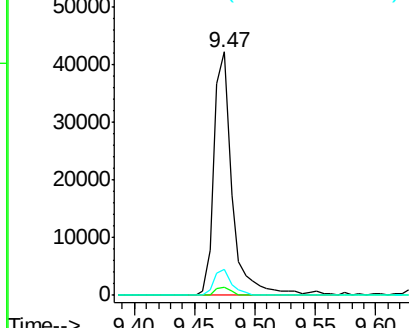
#49
Dimethylphthalate
Concen: 2.162 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102495.D
Acq: 27 Jan 2018 4:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 43932
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.7 8.2 12.2

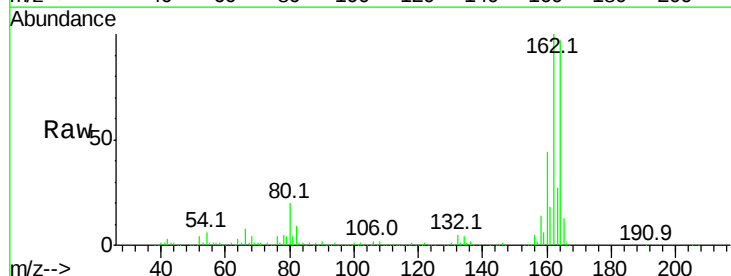


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

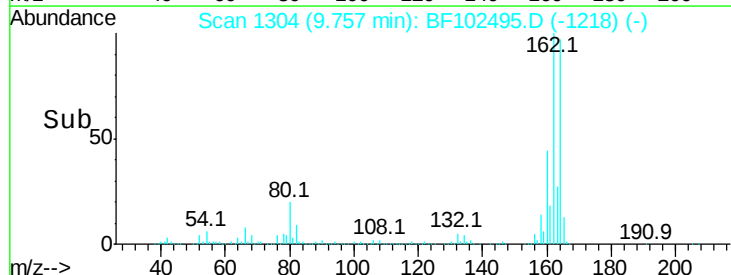
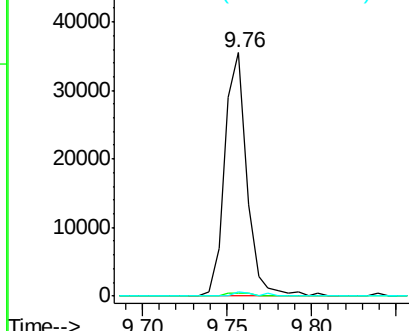


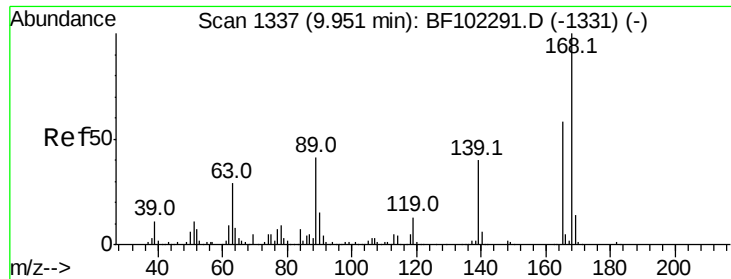
#50
2,6-Dinitrotoluene
Concen: 7.387 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF102495.D
Acq: 27 Jan 2018 4:47

Tgt Ion:165 Resp: 32359
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 2.0 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

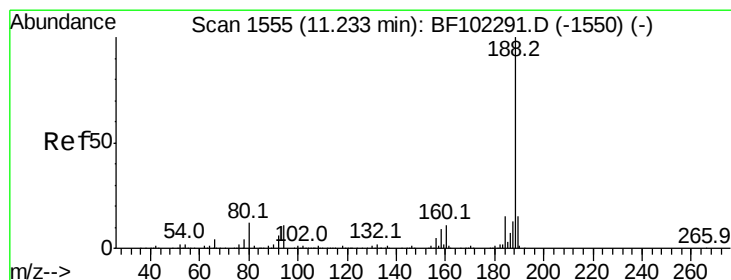
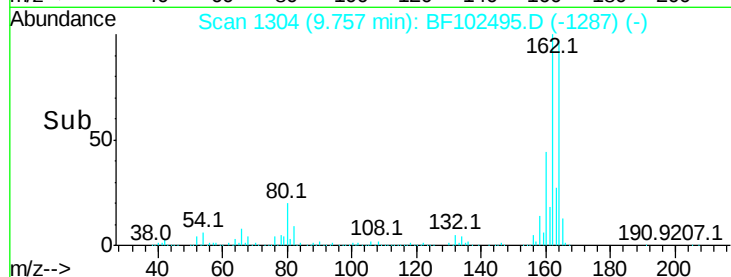
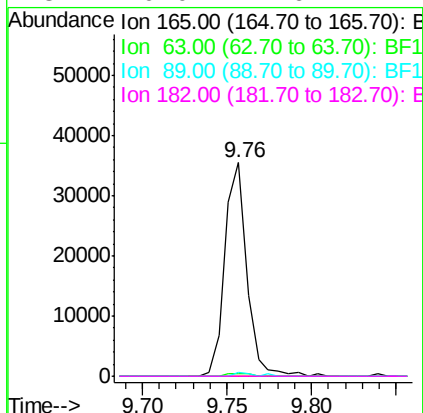
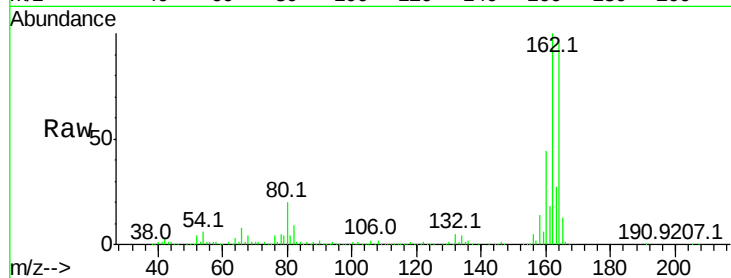




#56
 2,4-Dinitrotoluene
 Concen: 6.007 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

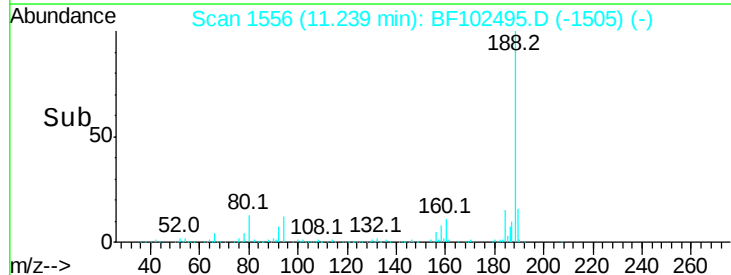
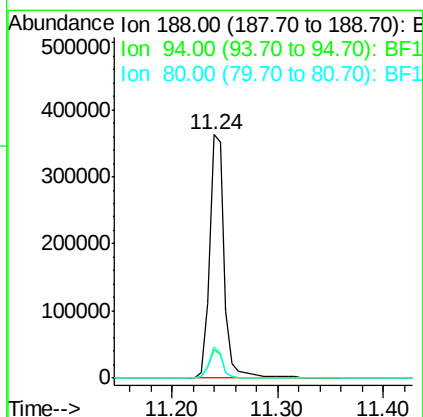
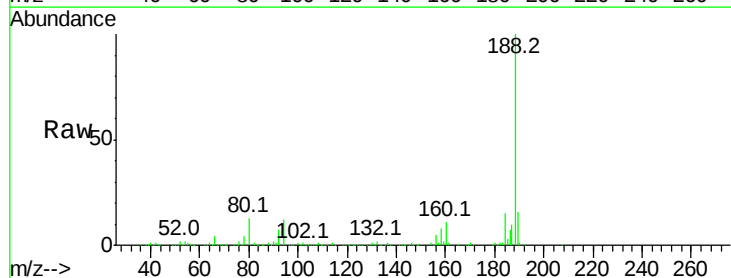
Instrument :
 BNA_F
 ClientSampleID :

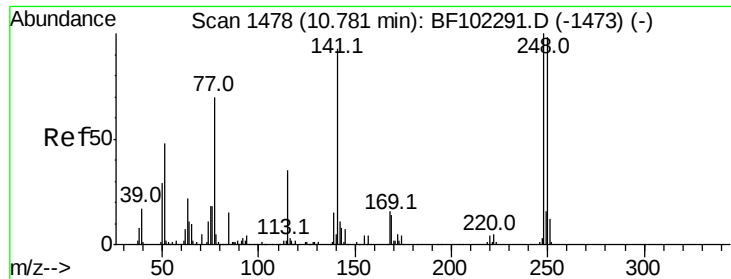
Tot Ion:165 Resp: 32359
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 2.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Tgt Ion:188 Resp: 355655
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.7 9.2 13.8

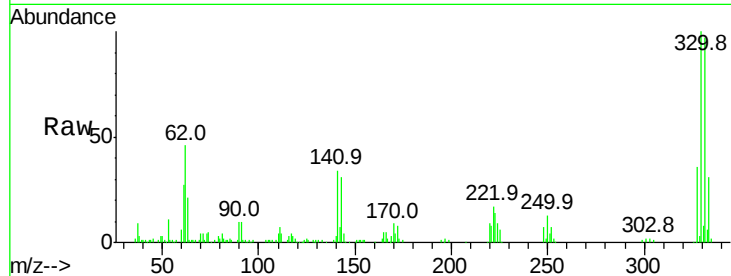




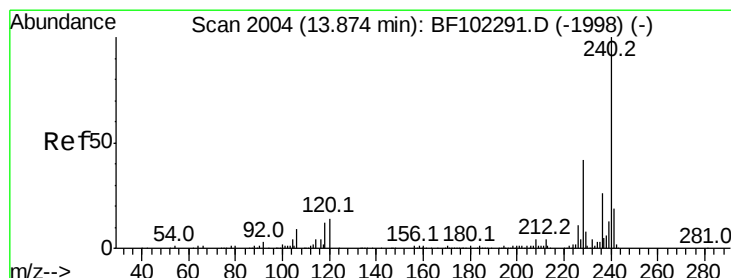
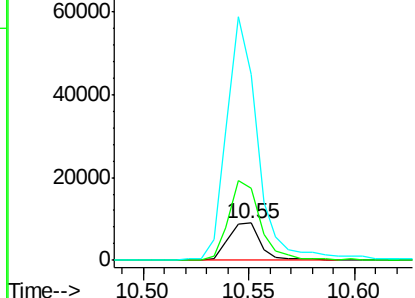
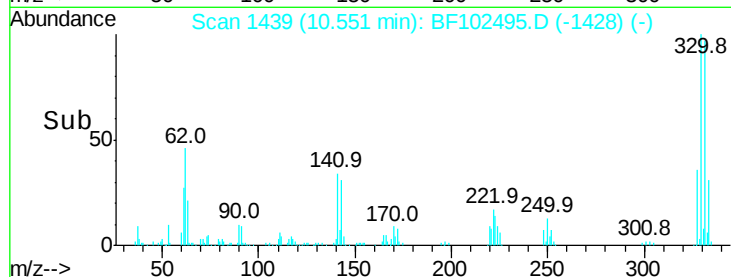
#66
 4-Bromophenyl-phenylether
 Concen: 2.506 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9594
 Ion Ratio Lower Upper
 248 100
 250 192.1 76.9 115.3#
 141 499.6 74.4 111.6#

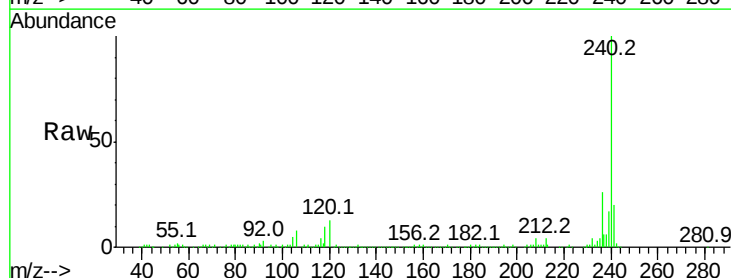


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

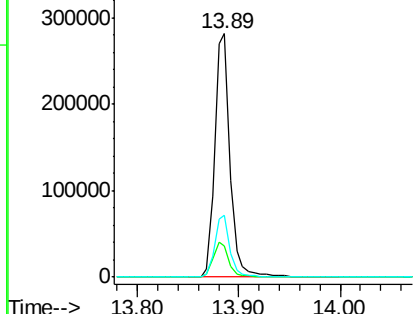
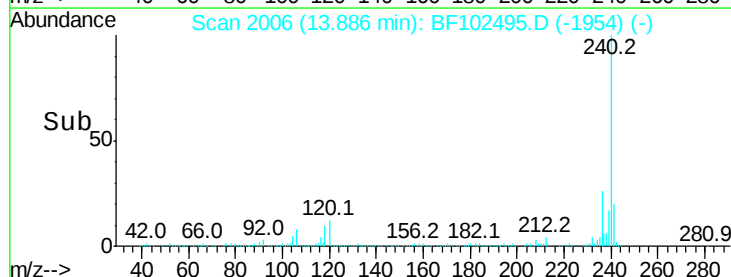


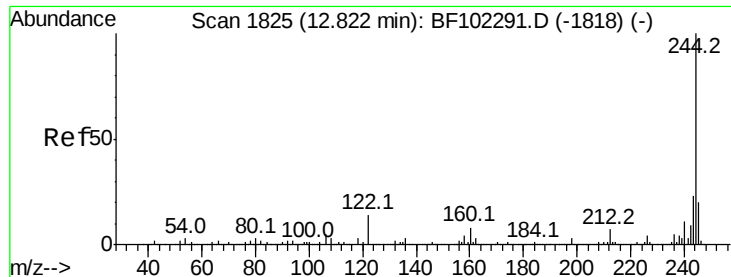
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Tgt Ion:240 Resp: 296879
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.6 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

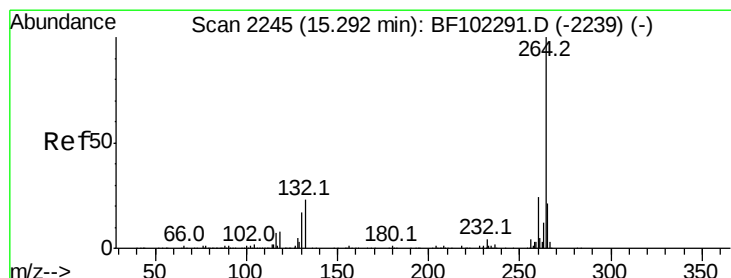
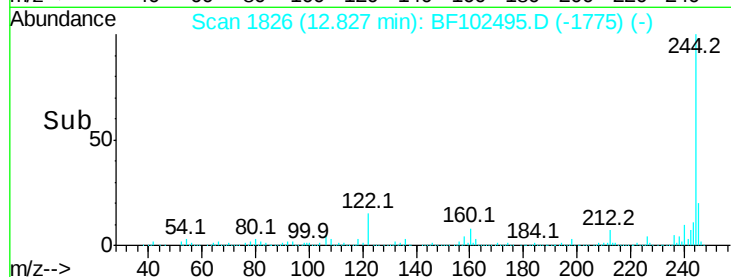
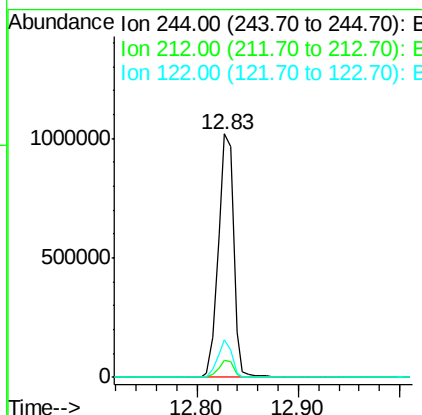
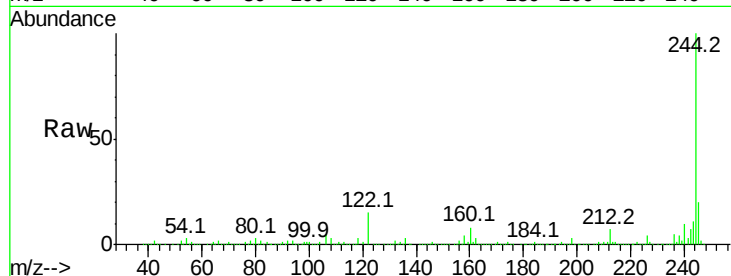




#78
 Terphenyl-d14
 Concen: 81.208 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1069434
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 15.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF102495.D
 Acq: 27 Jan 2018 4:47

Tgt Ion:264 Resp: 187494
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 22.4 17.5 26.3

