

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102410.D
 Acq On : 25 Jan 2018 00:35
 Operator : SJ/JU
 Sample : J1240-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 02:55:31 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	118732	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	496724	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	215279	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	344652	20.00	ng	0.00
75) Chrysene-d12	13.87	240	221794	20.00	ng	0.00
86) Perylene-d12	15.29	264	219736	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	856490	109.38	ng	0.01
7) Phenol-d6	6.36	99	1028066	108.90	ng	0.00
23) Nitrobenzene-d5	7.28	82	639130	73.94	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	176369	82.68	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1069134	73.02	ng	0.00
78) Terphenyl-d14	12.82	244	782846	79.57	ng	0.00

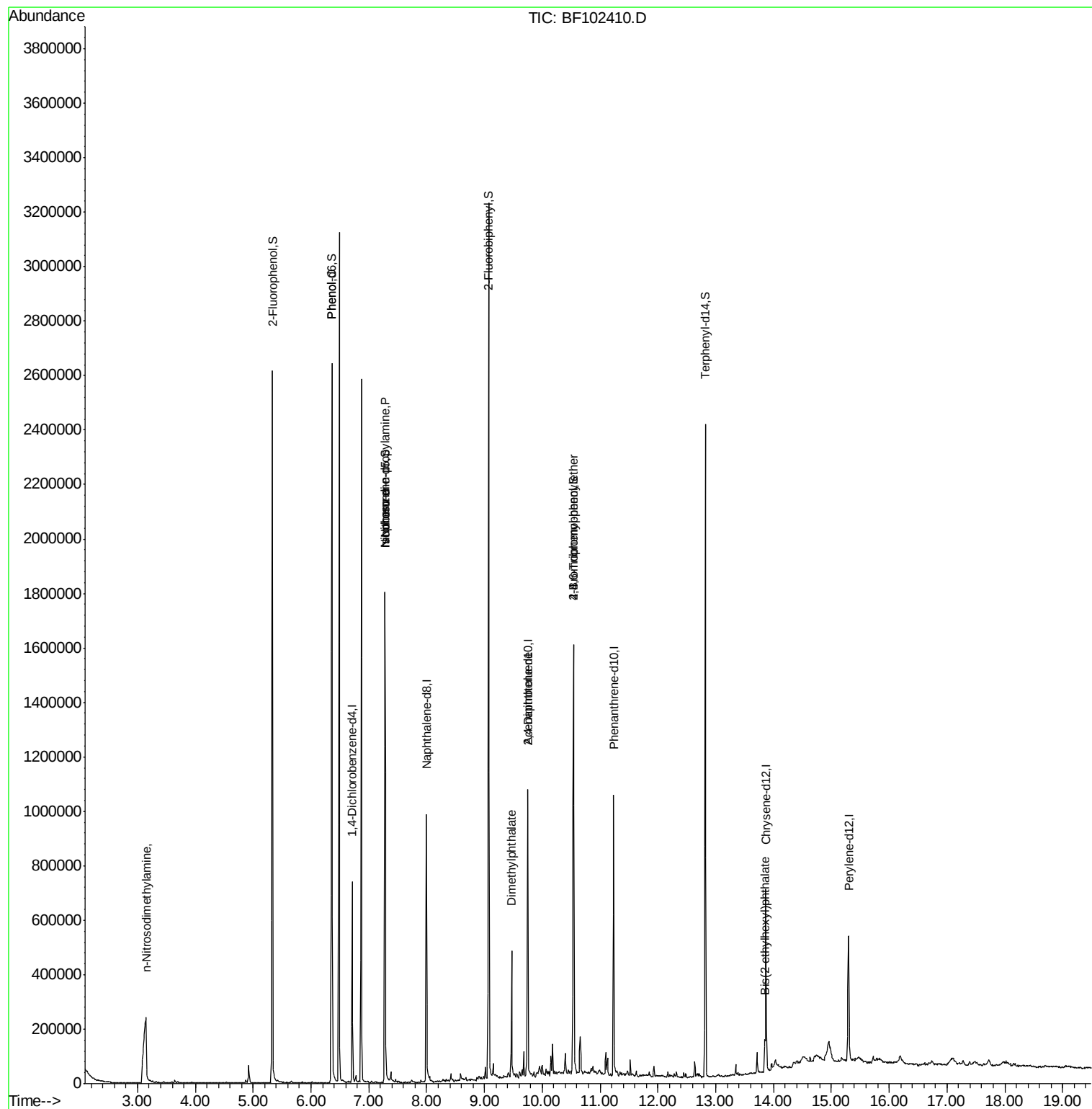
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.15	42	15834	4.154	ng	# 1
10) Phenol	6.37	94	29977	2.909	ng	# 84
19) n-Nitroso-di-n-propylamine	7.28	70	84000	14.540	ng	# 81
25) Isophorone	7.28	82	622801	40.417	ng	# 64
49) Dimethylphthalate	9.47	163	158694	8.918	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	27221	5.770	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	12113	3.265	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	32328	2.819	ng	# 99

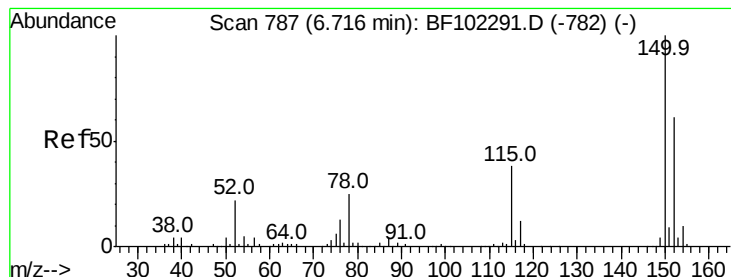
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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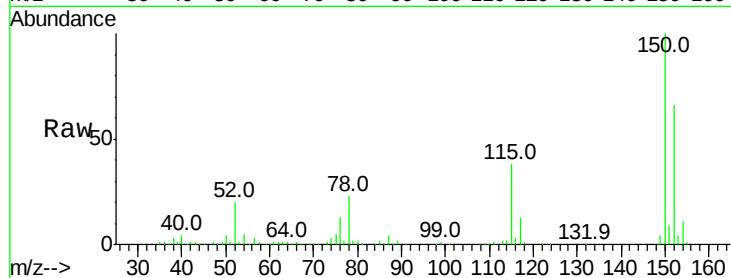


#1

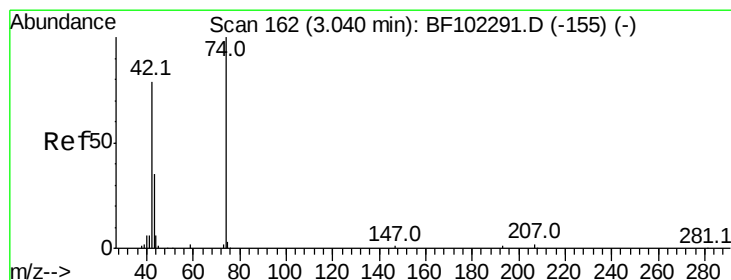
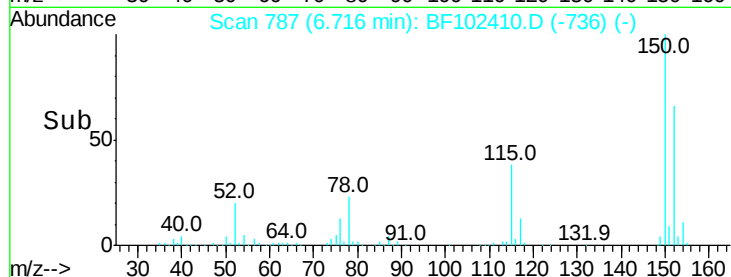
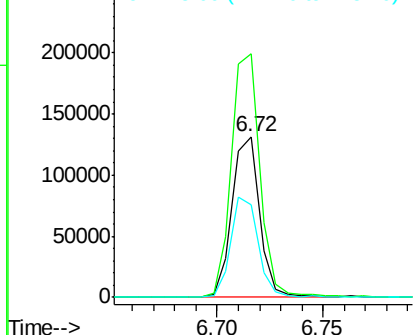
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102410.D
Acq: 25 Jan 2018 00:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118732
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 57.8 50.1 75.1



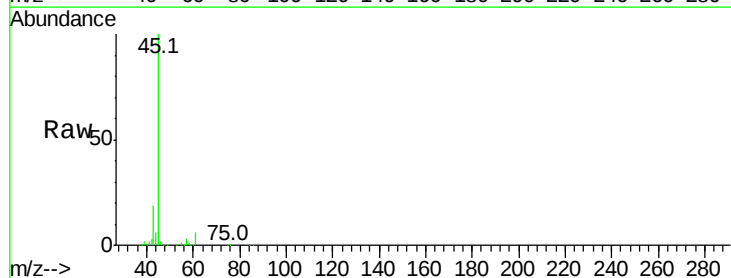
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



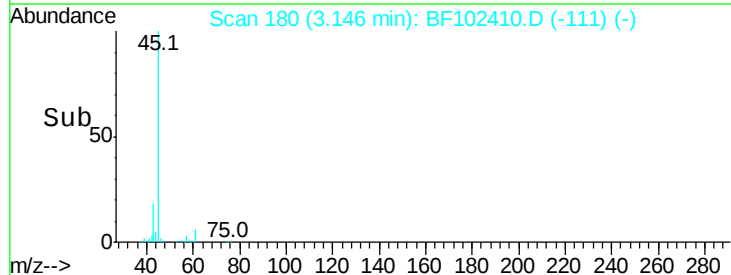
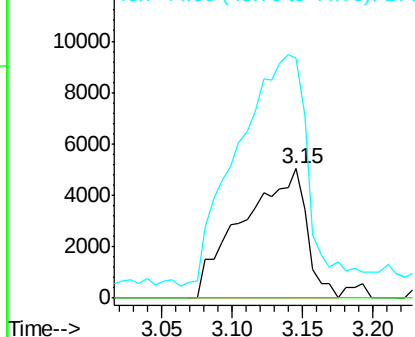
#4

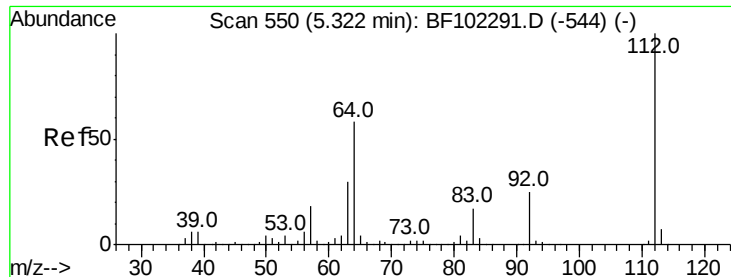
n-Nitrosodimethylamine
Concen: 4.154 ng
RT: 3.15 min Scan# 180
Delta R.T. 0.11 min
Lab File: BF102410.D
Acq: 25 Jan 2018 00:35

Tgt Ion: 42 Resp: 15834
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 185.1 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.378 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Instrument :
BNA_F
ClientSampleId :

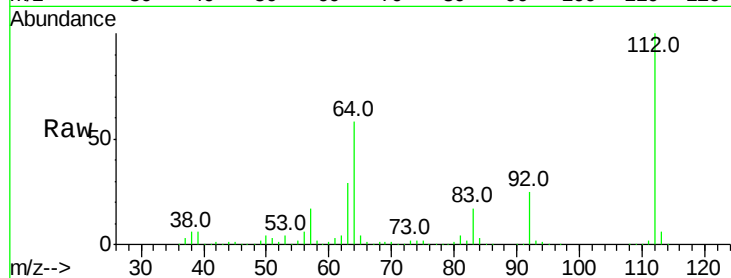
Tot Ion:112 Resp: 856490

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

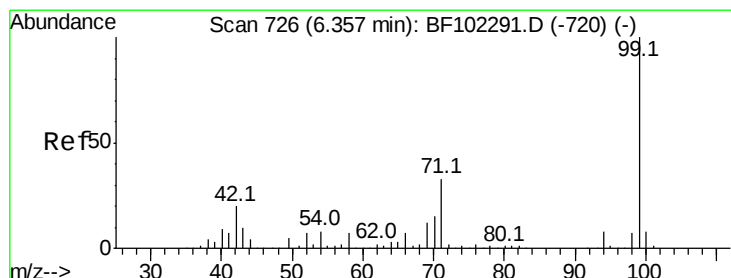
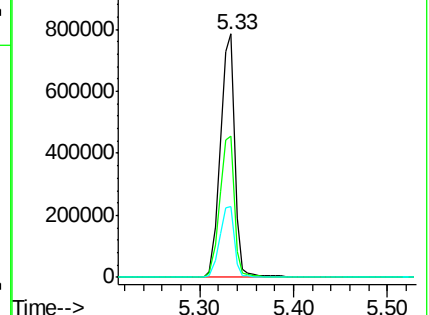
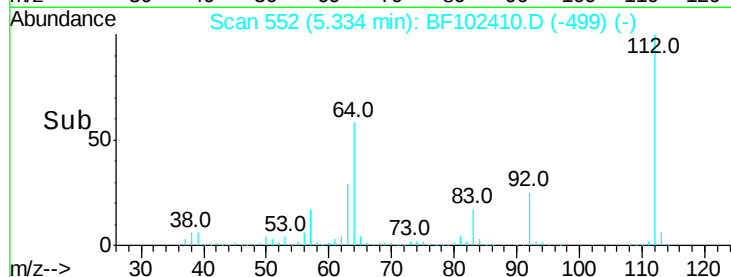
63 29.1 23.7 35.5



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: 108.900 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

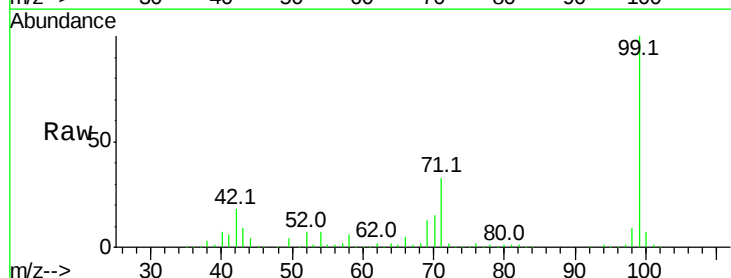
Tgt Ion: 99 Resp: 1028066

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

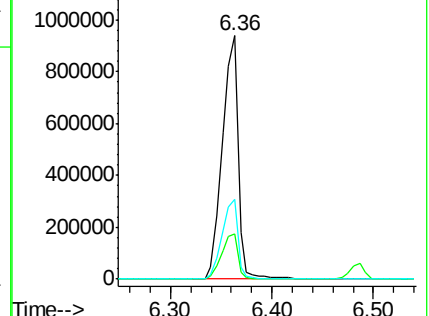
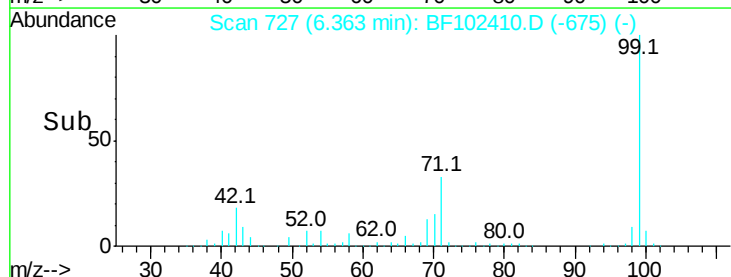
71 32.9 25.4 38.0

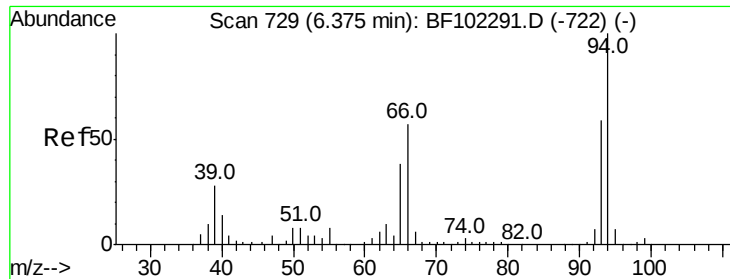


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 2.909 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Instrument :

BNA_F

ClientSampleId :

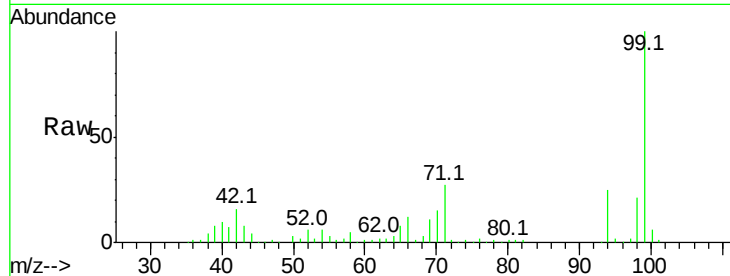
Tot Ion: 94 Resp: 29977

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

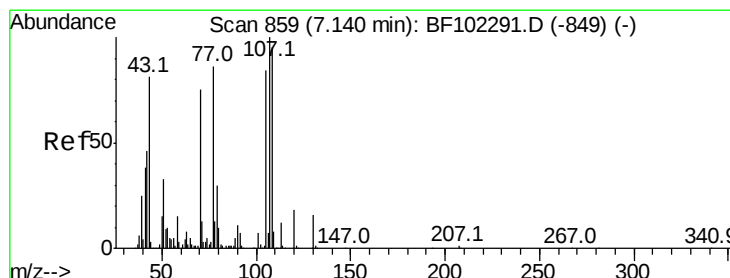
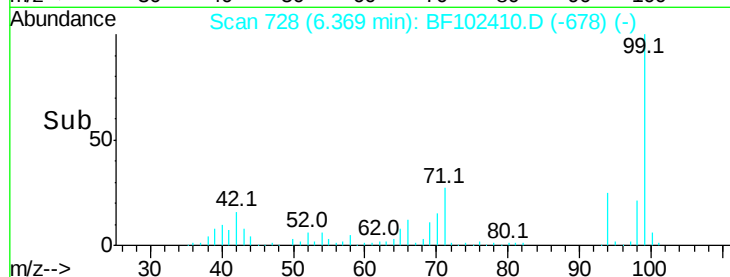
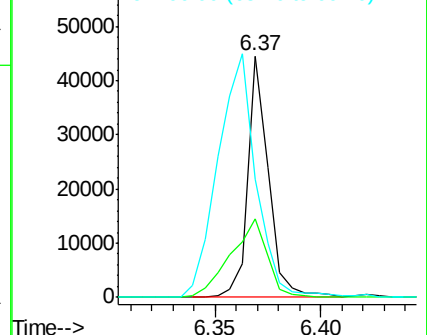
66 49.0 16.2 56.2



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: 14.540 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Tgt Ion: 70 Resp: 84000

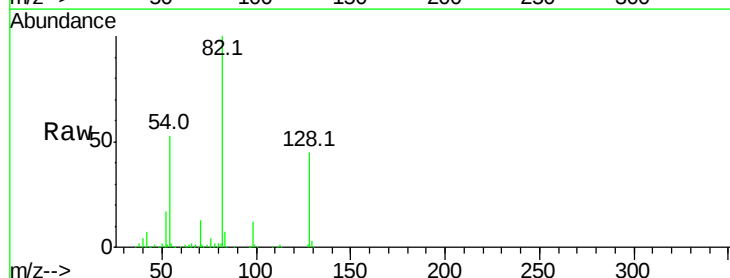
Ion Ratio Lower Upper

70 100

42 50.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

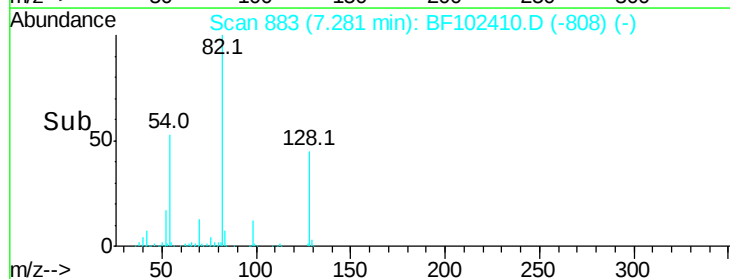
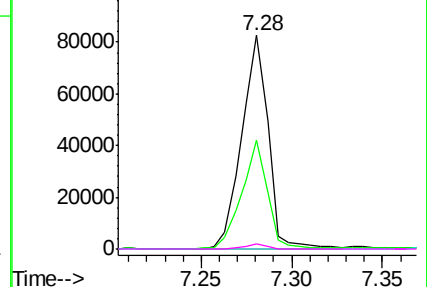


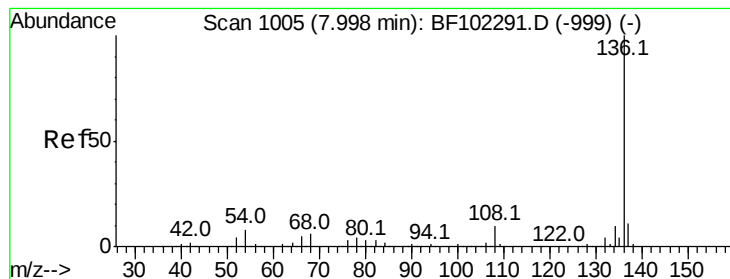
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 496724

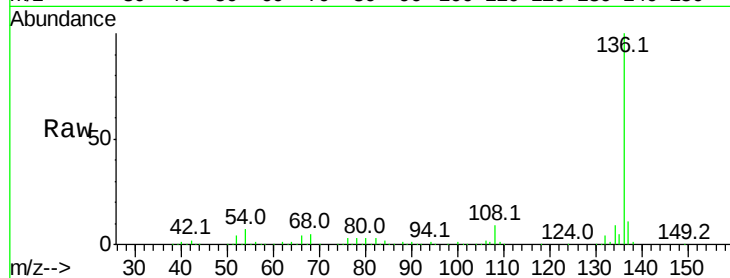
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 5.1 5.0 7.4

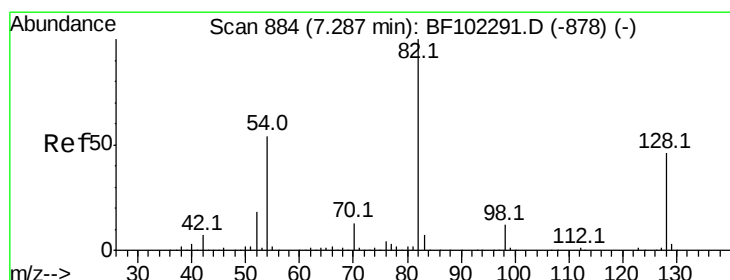
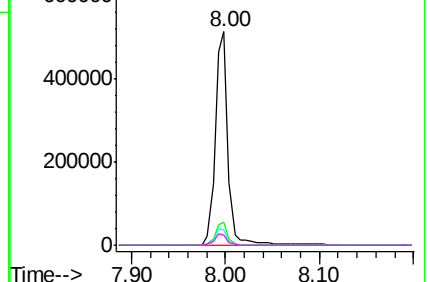
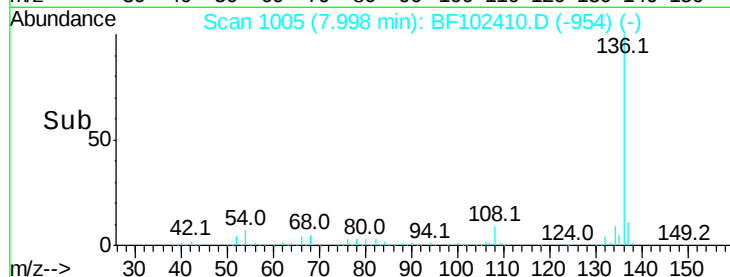


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.942 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

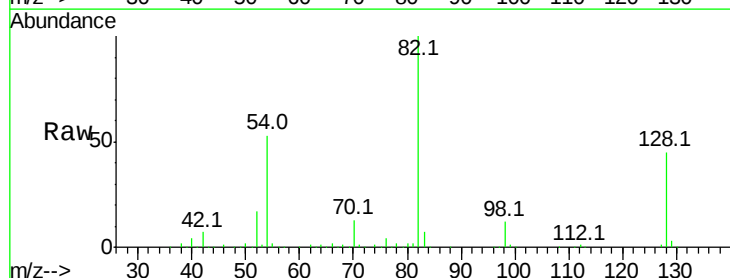
Tgt Ion: 82 Resp: 639130

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

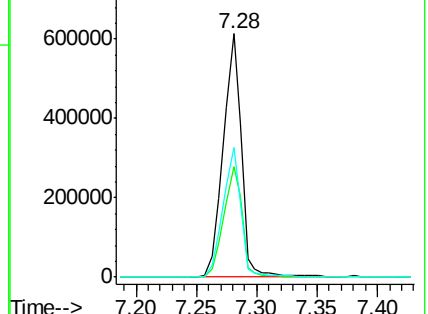
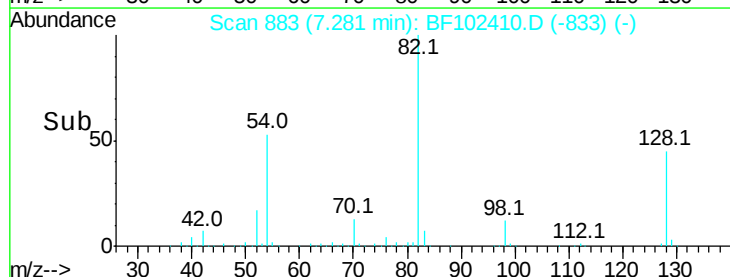
54 53.2 41.4 62.2

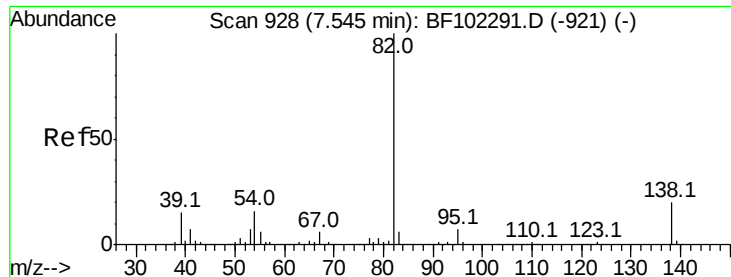


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.417 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Instrument :

BNA_F

ClientSampleId :

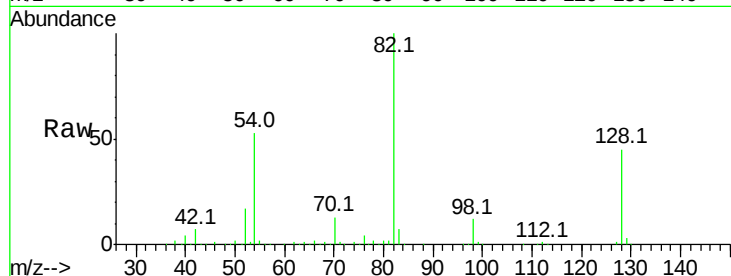
Tot Ion: 82 Resp: 622801

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

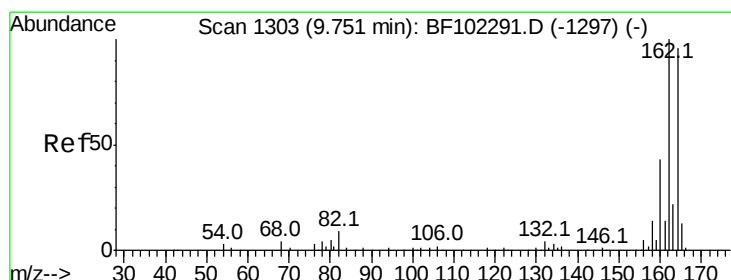
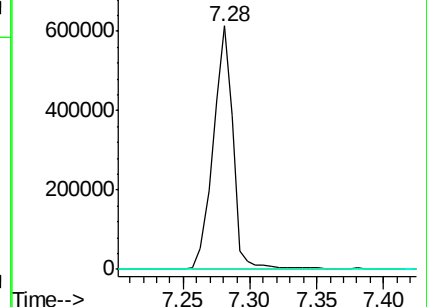
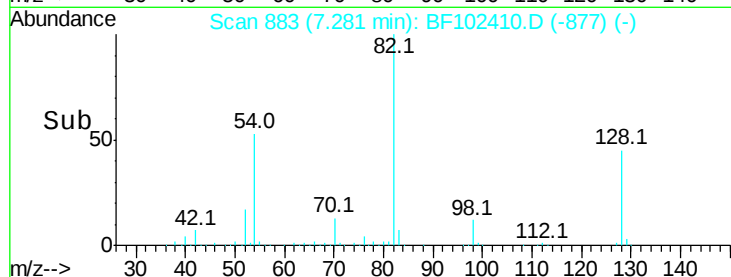
138 0.0 14.9 22.3#



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: BF102410.D

Acq: 25 Jan 2018 00:35

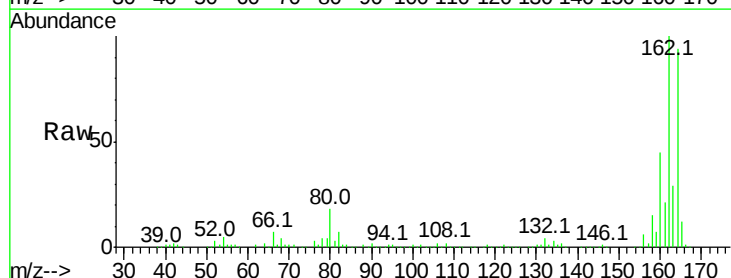
Tgt Ion:164 Resp: 215279

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

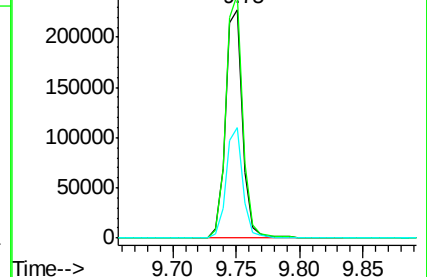
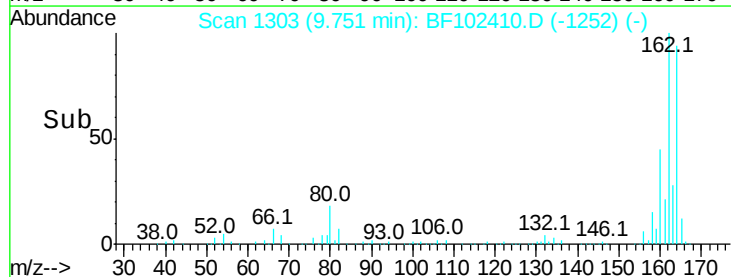
160 48.4 38.3 57.5

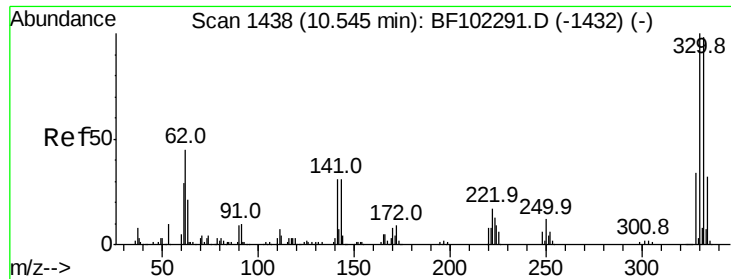


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

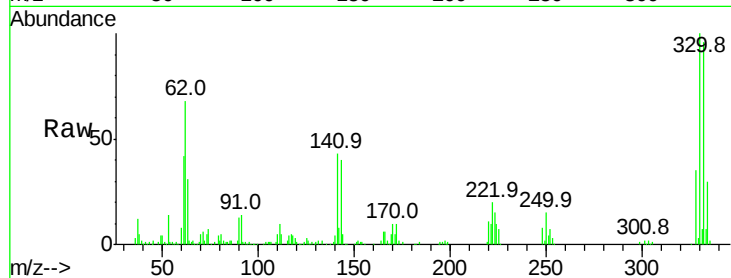




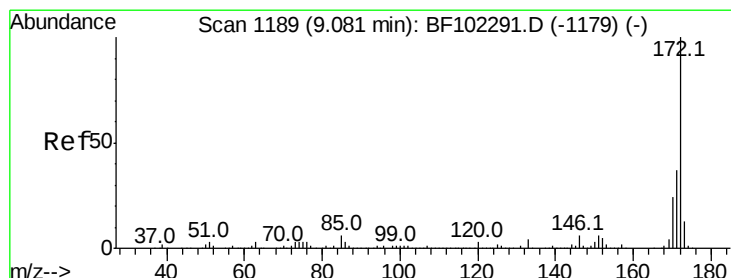
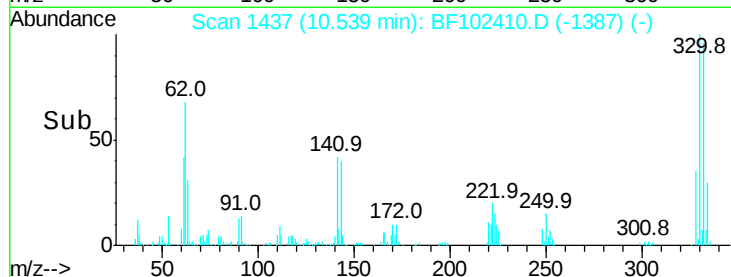
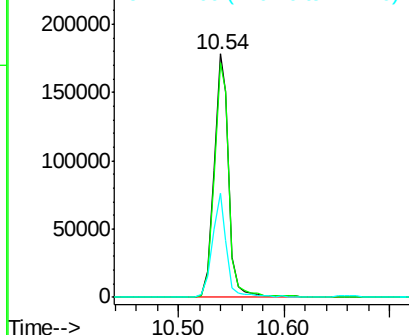
#41
 2,4,6-Tribromophenol
 Concen: 82.682 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102410.D
 Acq: 25 Jan 2018 00:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	41.2	29.9	44.9

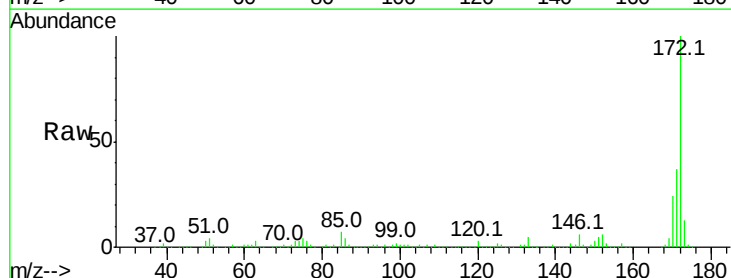


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

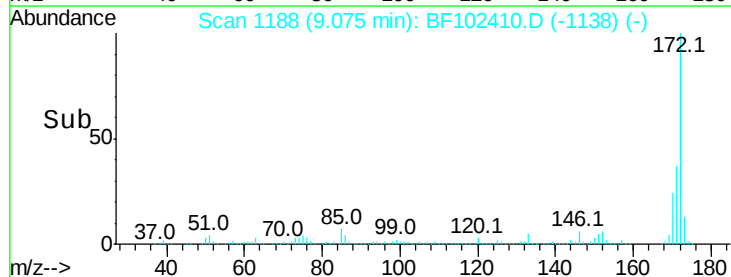
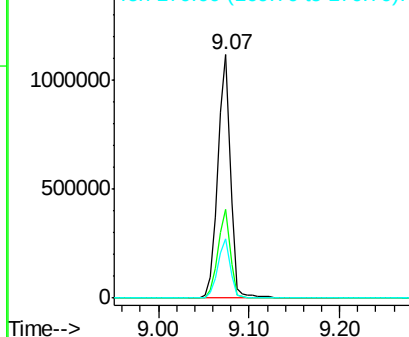


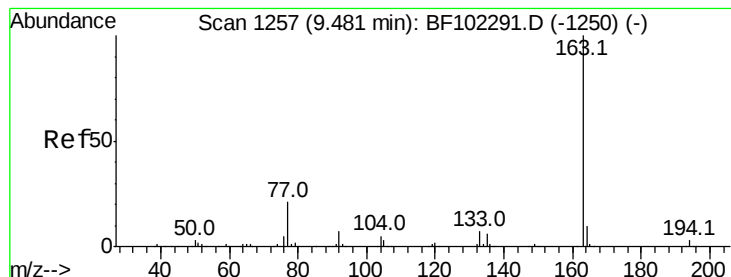
#44
 2-Fluorobiphenyl
 Concen: 73.022 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102410.D
 Acq: 25 Jan 2018 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	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: 8.918 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Instrument :

BNA_F

ClientSampleId :

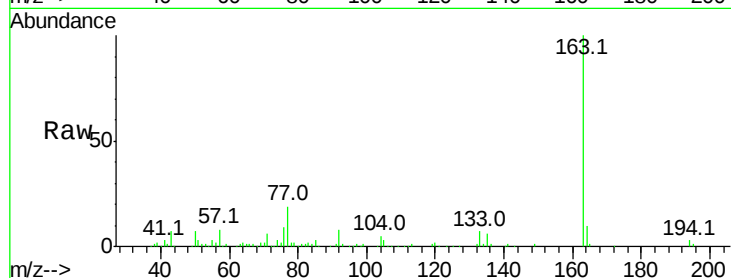
Tot Ion:163 Resp: 158694

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

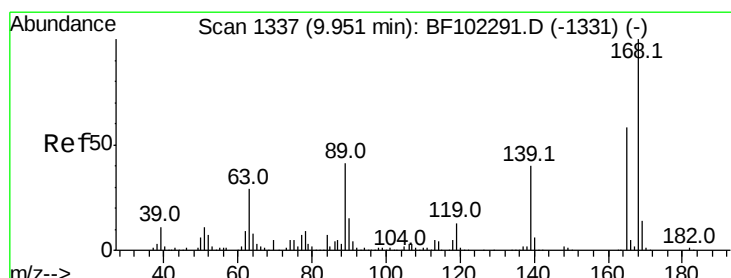
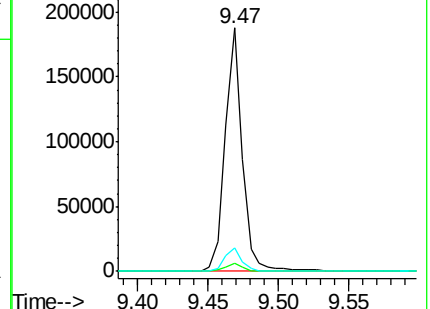
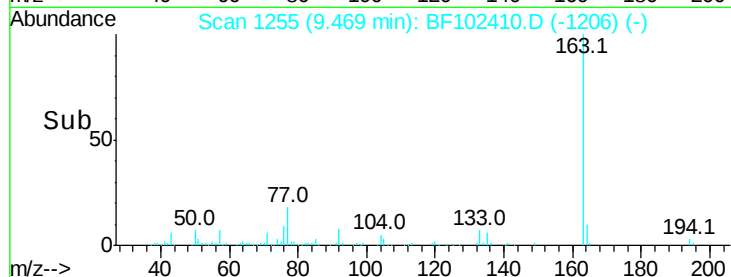
164 9.6 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.770 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Tgt Ion:165 Resp: 27221

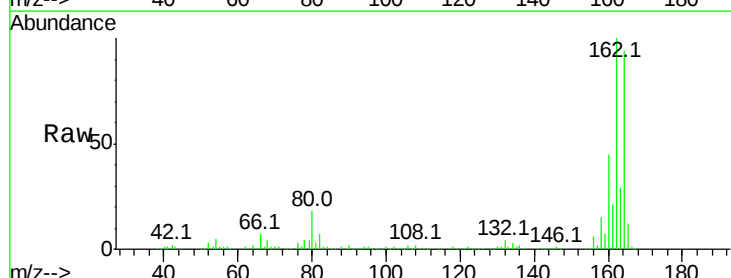
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 2.1 57.8 86.6#

182 0.0 1.6 2.4#

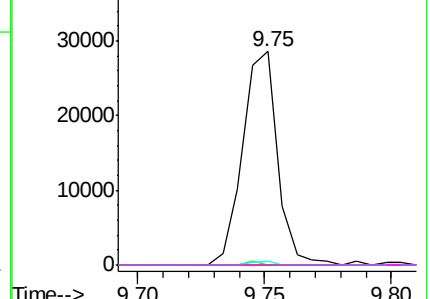
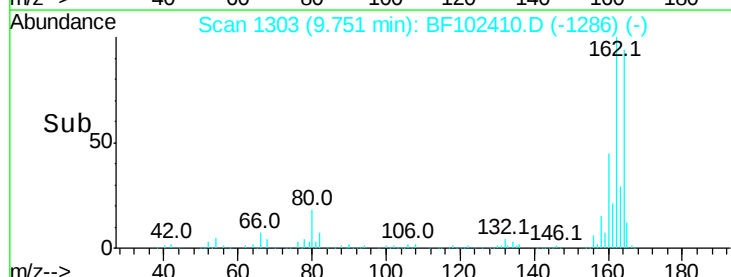


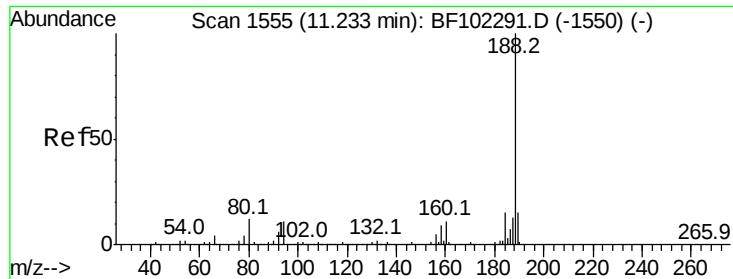
Abundance Ion 165.00 (164.70 to 165.70): E

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

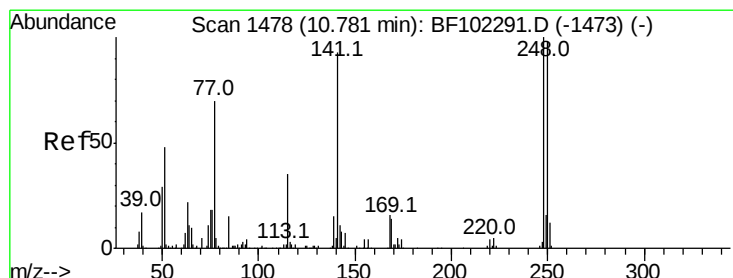
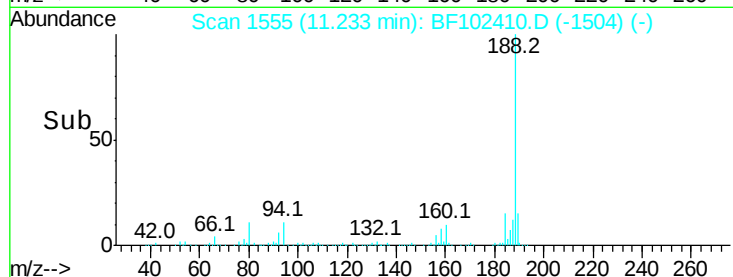
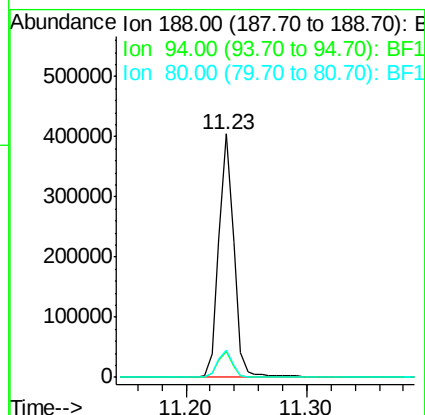
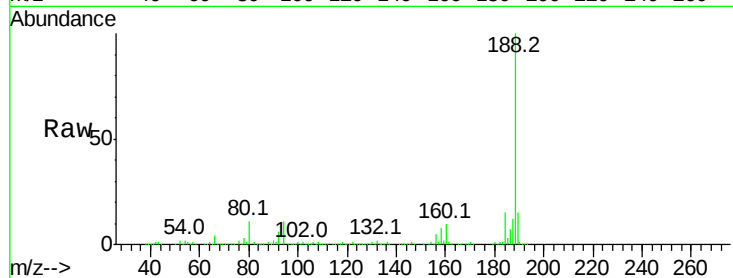




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102410.D
Acq: 25 Jan 2018 00:35

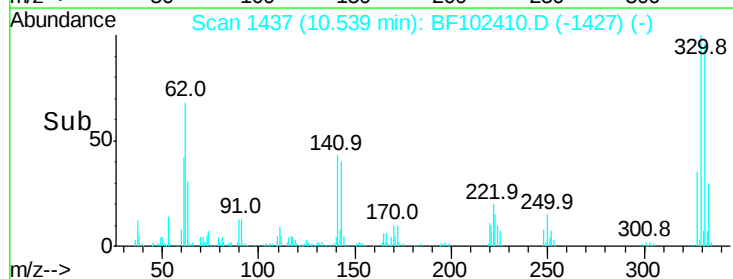
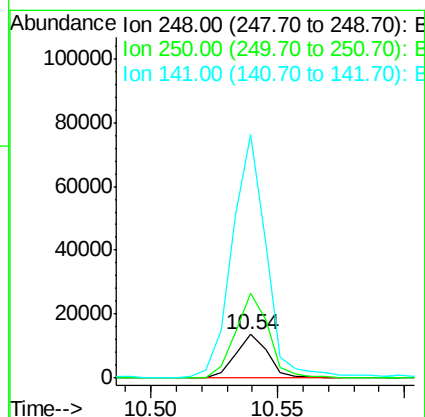
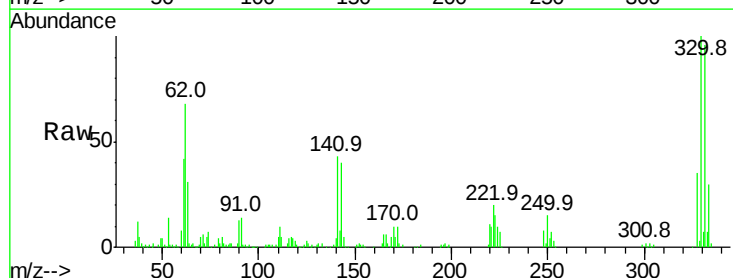
Instrument :
BNA_F
ClientSampleId :

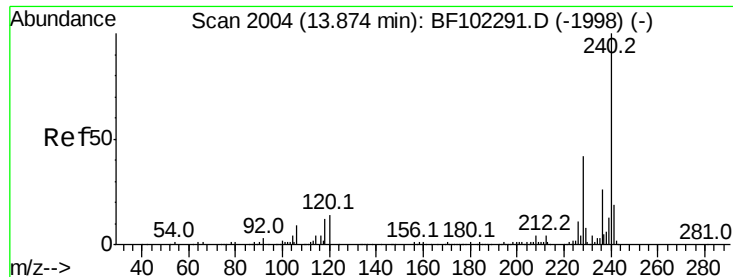
Tot Ion:188 Resp: 344652
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.265 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102410.D
Acq: 25 Jan 2018 00:35

Tgt Ion:248 Resp: 12113
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 557.4 74.4 111.6#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

Instrument :

BNA_F

ClientSampleId :

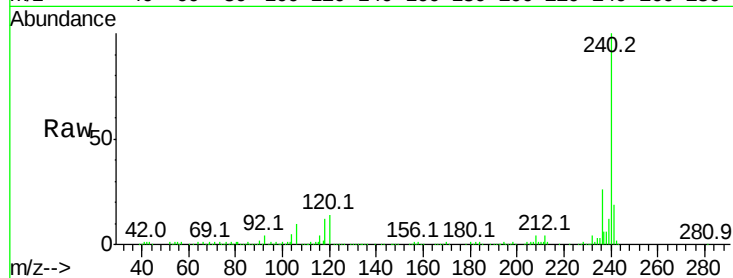
Tot Ion:240 Resp: 221794

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

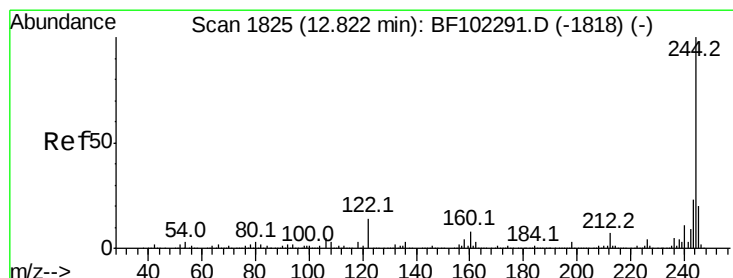
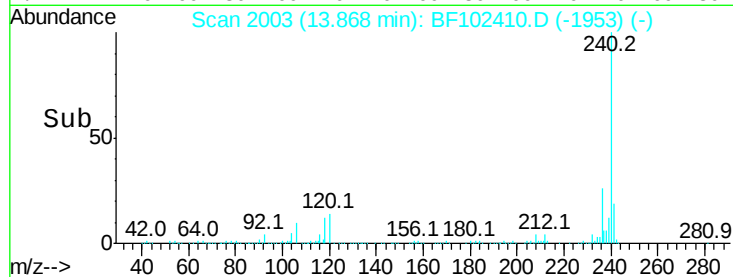
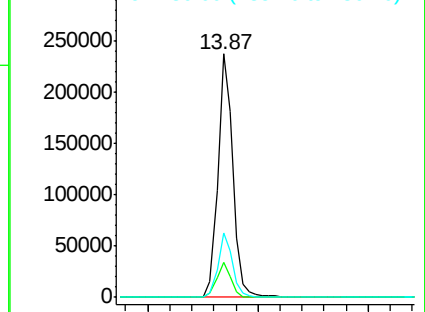
236 26.4 20.7 31.1



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: 79.570 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102410.D

Acq: 25 Jan 2018 00:35

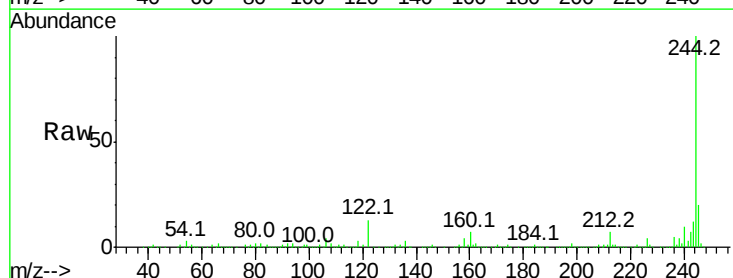
Tgt Ion:244 Resp: 782846

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

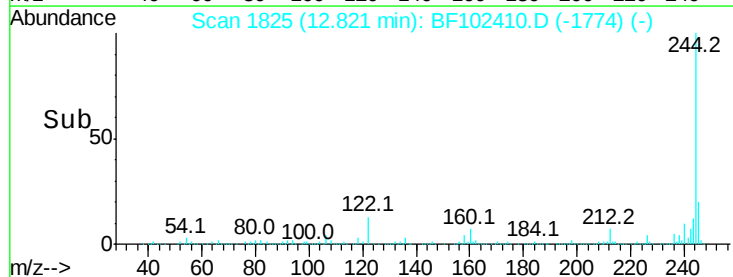
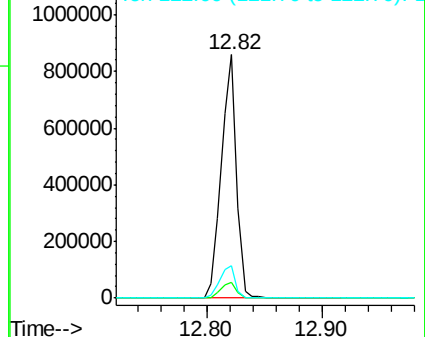
122 13.1 11.0 16.4

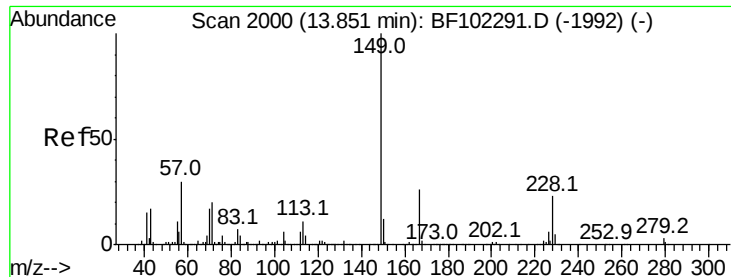


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

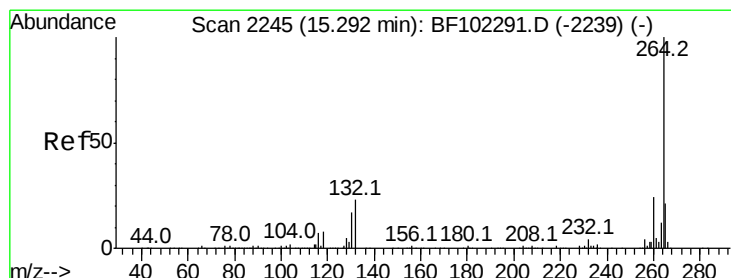
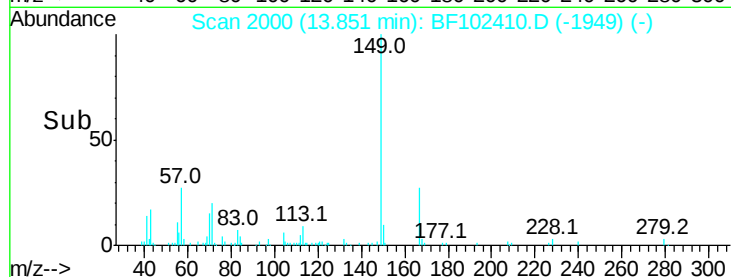
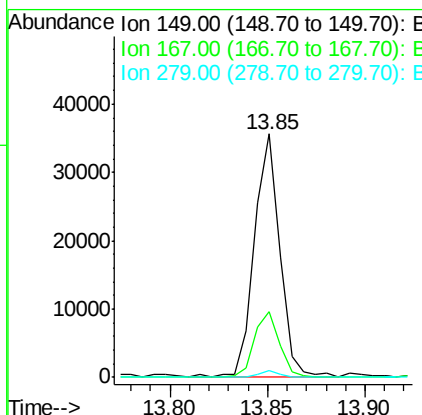
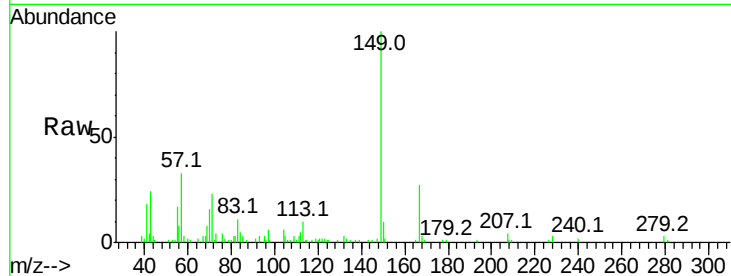




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.819 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102410.D
 Acq: 25 Jan 2018 00:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 32328
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 2.9 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102410.D
 Acq: 25 Jan 2018 00:35

Tgt Ion:264 Resp: 219736
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 21.0 17.5 26.3

