

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104142.D
 Acq On : 2 Apr 2018 18:19
 Operator : JU/SJ
 Sample : J2099-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 01:06:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

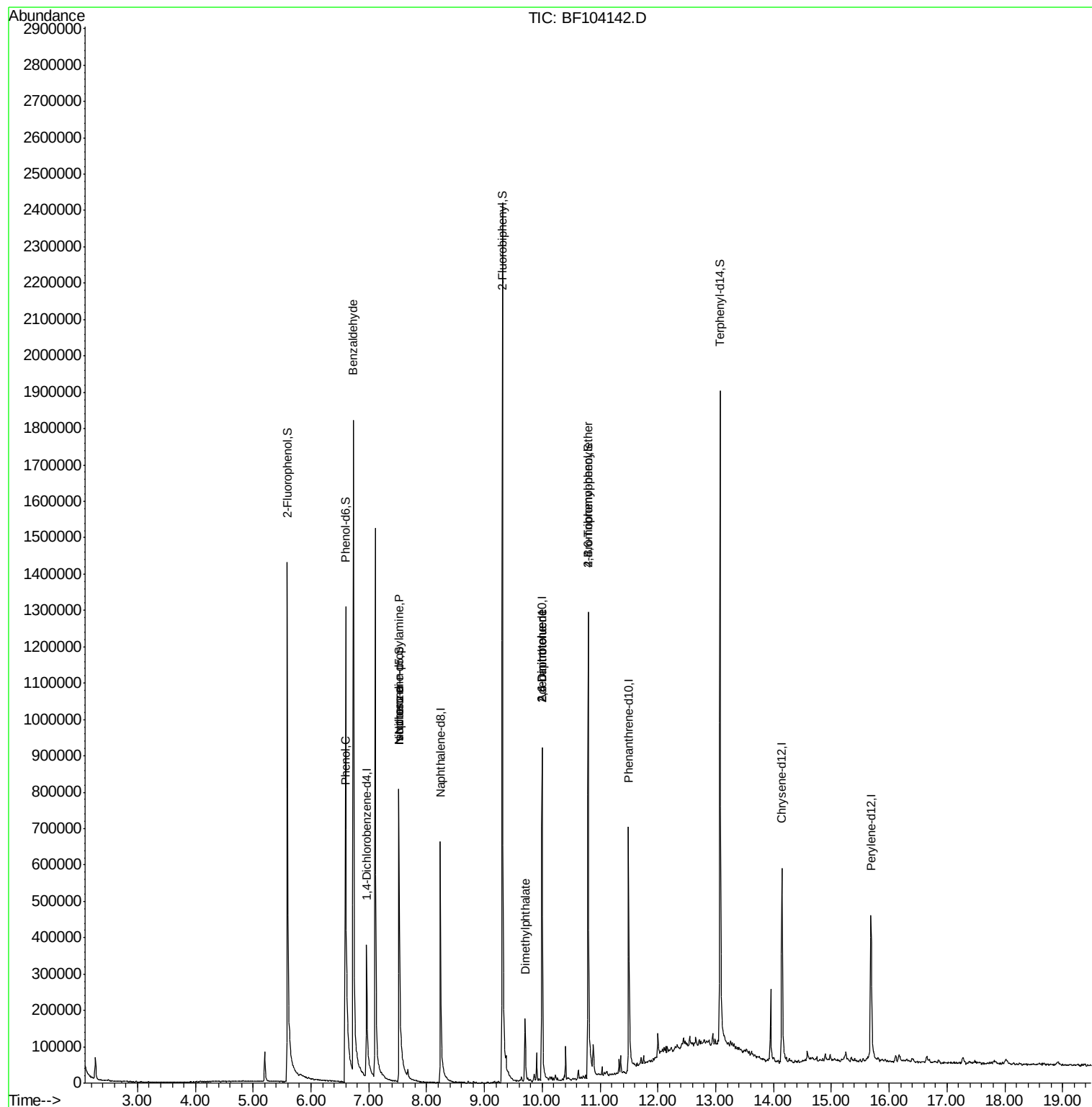
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	107527	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	462794	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	215888	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	360333	20.00	ng	0.00
75) Chrysene-d12	14.14	240	240365	20.00	ng	0.00
86) Perylene-d12	15.69	264	245485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	641467	95.14	ng	0.00
7) Phenol-d6	6.60	99	862792	104.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	512801	67.76	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	221815	92.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	998899	72.96	ng	0.00
78) Terphenyl-d14	13.07	244	777587	74.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	14003	2.059	ng	90
10) Phenol	6.61	94	19881	2.163	ng	# 23
19) n-Nitroso-di-n-propylamine	7.52	70	60919	12.374	ng	# 74
25) Isophorone	7.52	82	516762	37.054	ng	# 64
49) Dimethylphthalate	9.70	163	86753	5.090	ng	99
50) 2,6-Dinitrotoluene	10.00	165	26389	7.196	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	26517	5.667	ng	# 24
66) 4-Bromophenyl-phenylether	10.79	248	13060	3.388	ng	# 1

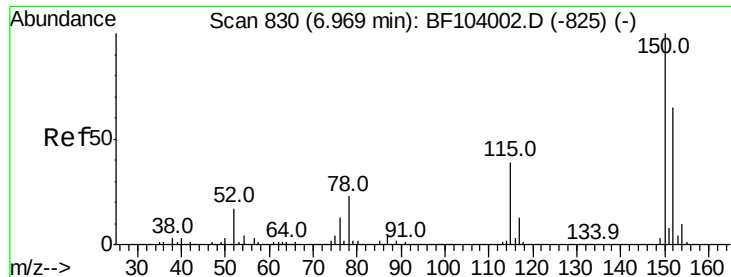
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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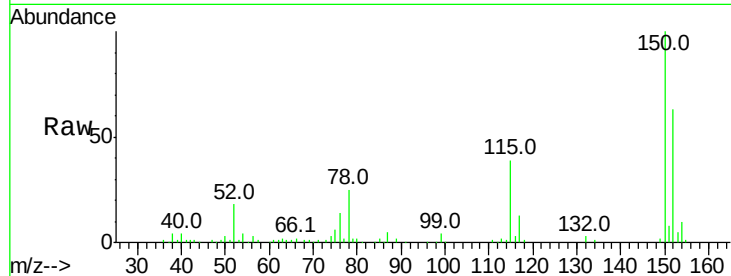


#1

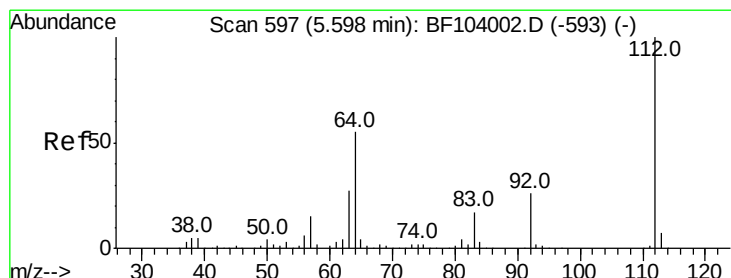
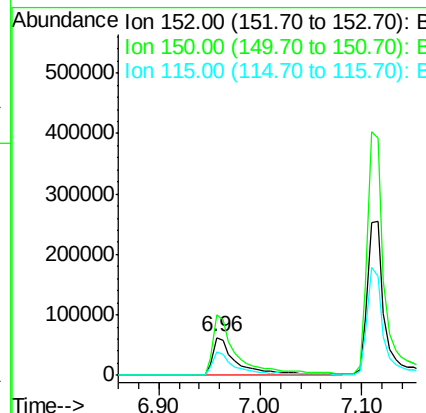
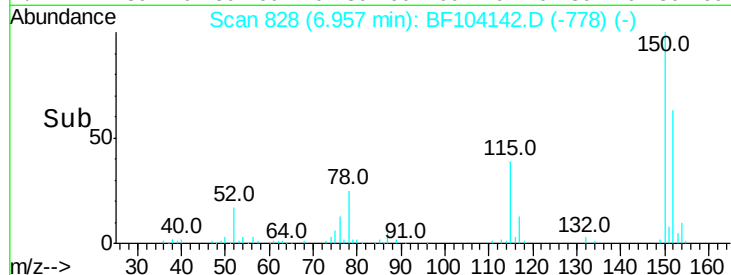
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	61.3	50.1	75.1



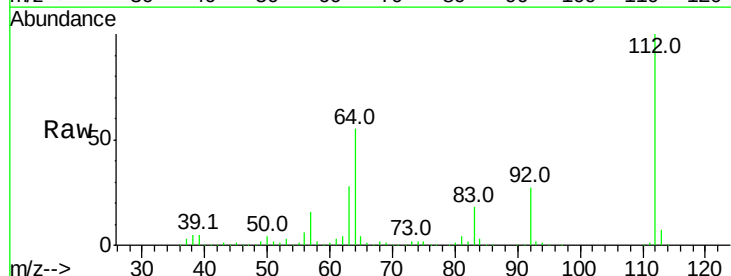
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



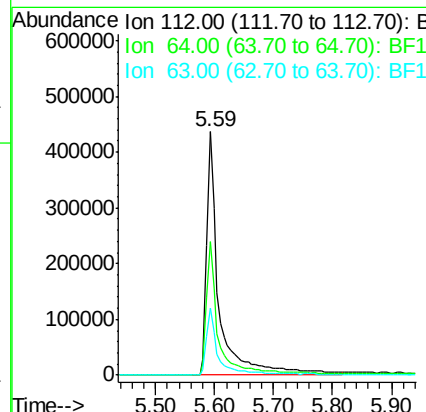
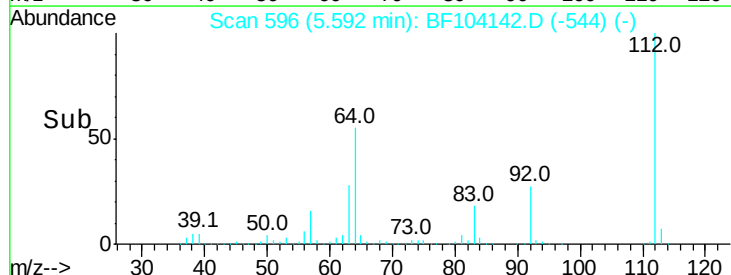
#5

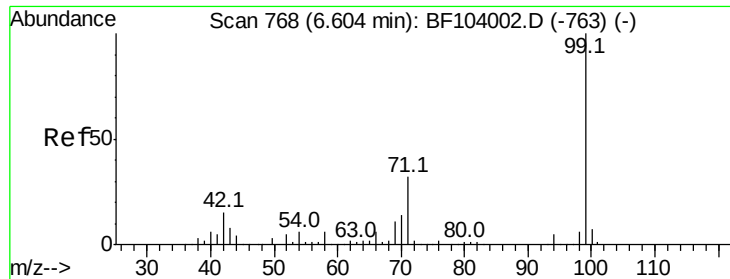
2-Fluorophenol
Concen: 95.137 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	27.5	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: 104.009 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampleId :

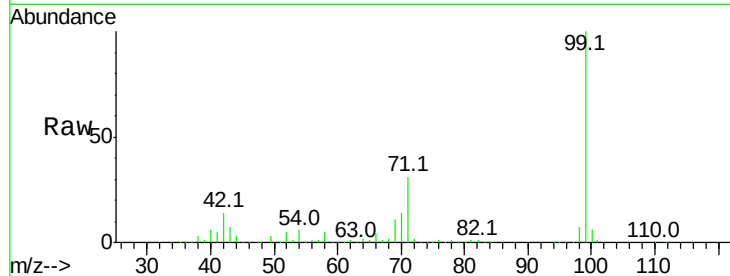
Tot Ion: 99 Resp: 862792

Ion Ratio Lower Upper

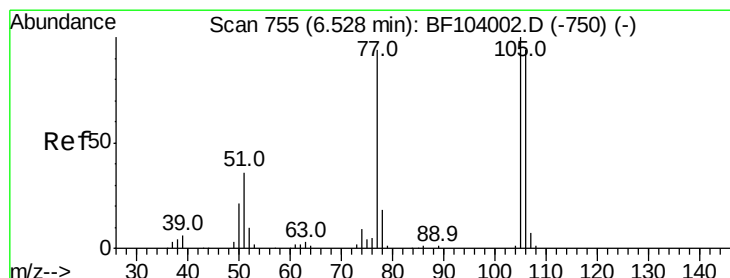
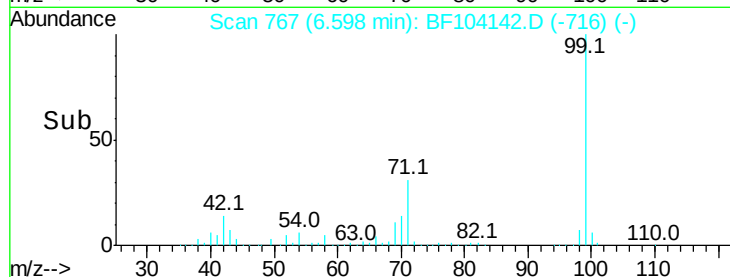
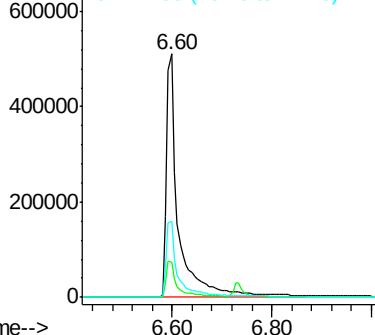
99 100

42 14.2 14.5 21.7#

71 31.4 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: 2.059 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

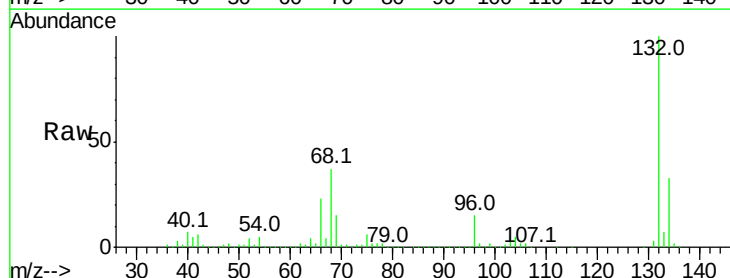
Tgt Ion: 77 Resp: 14003

Ion Ratio Lower Upper

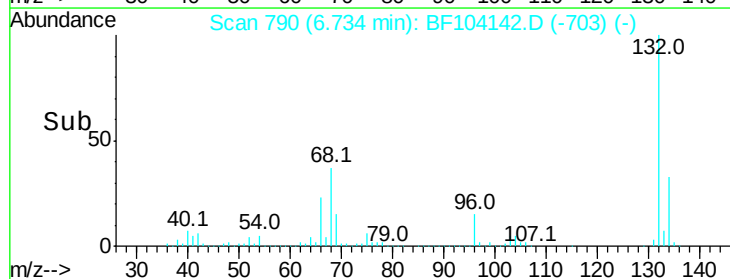
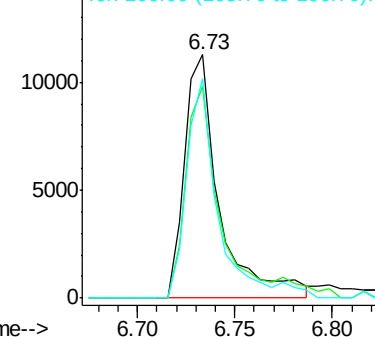
77 100

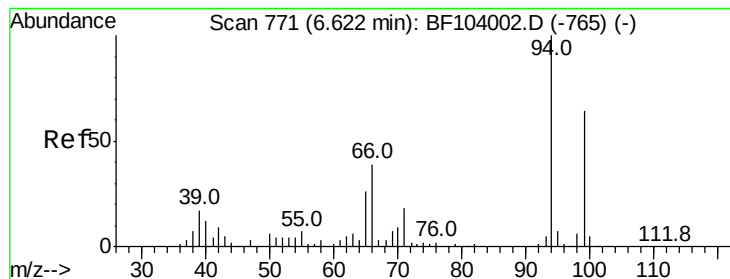
105 86.8 81.1 121.1

106 89.8 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





#10

Phenol

Concen: 2.163 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampleId :

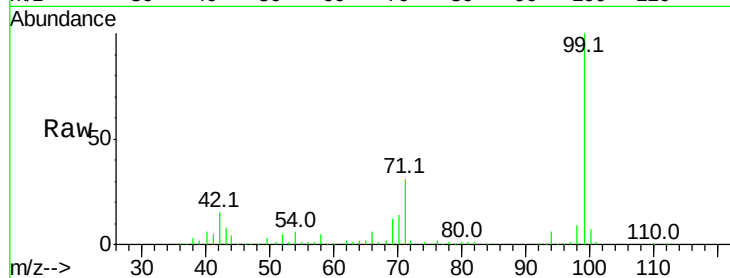
Tot Ion: 94 Resp: 19881

Ion Ratio Lower Upper

94 100

65 37.9 7.9 47.9

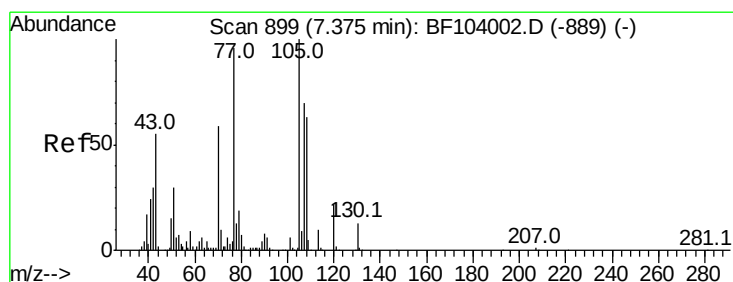
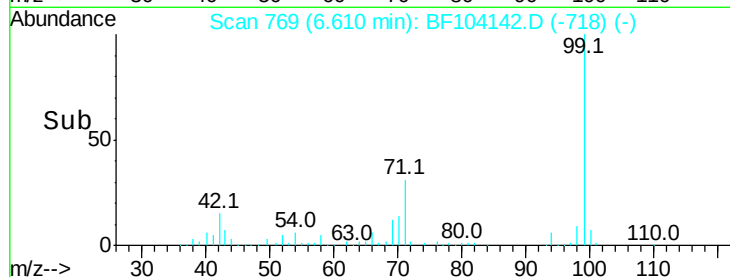
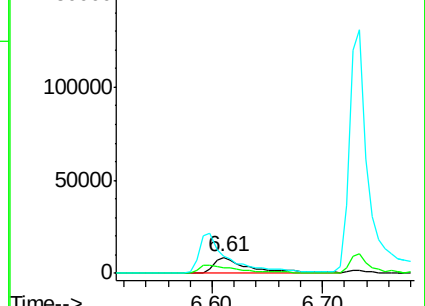
66 107.9 16.2 56.2#



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: 12.374 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Tgt Ion: 70 Resp: 60919

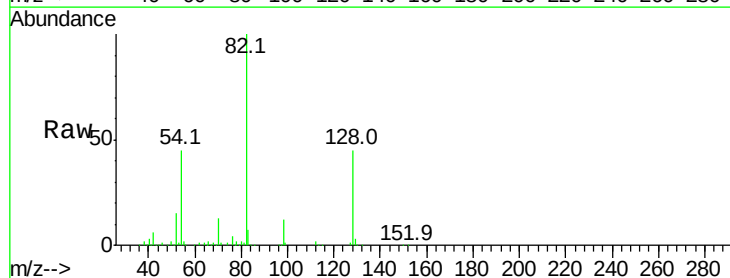
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

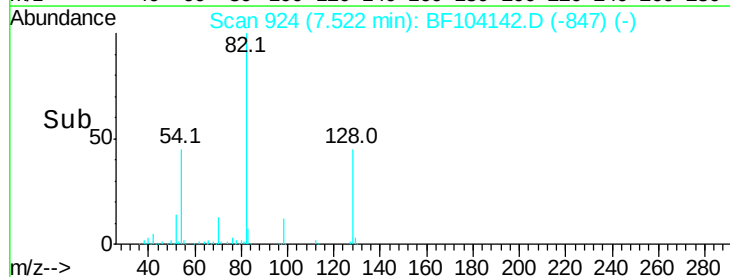
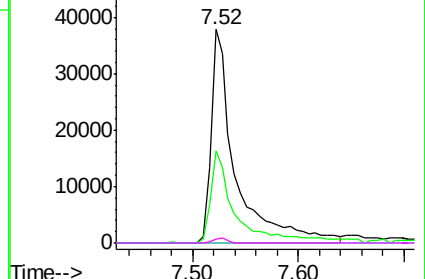


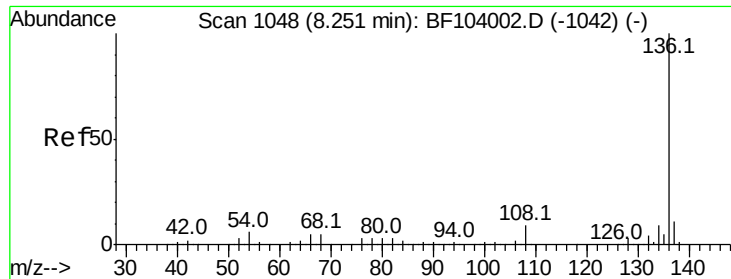
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

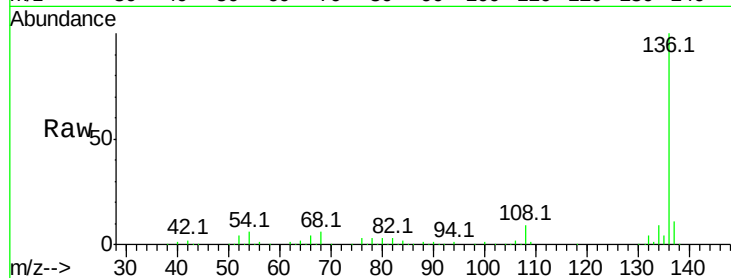




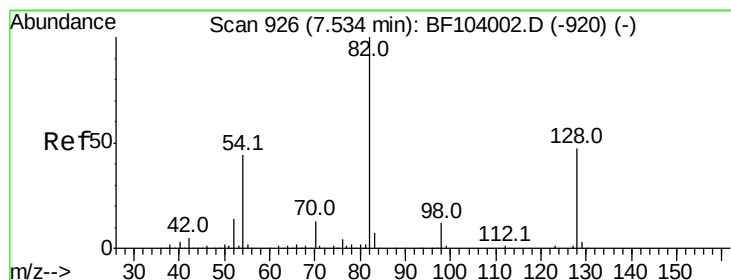
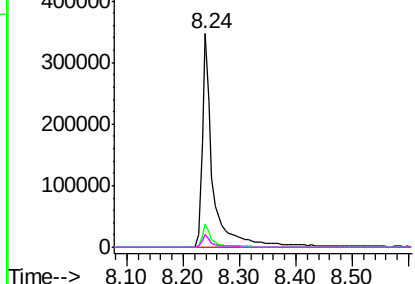
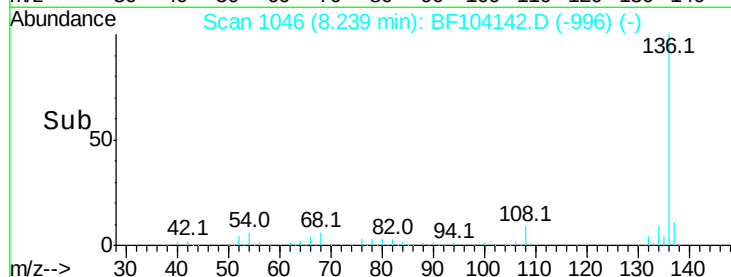
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	462794
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8#
68	5.7	5.0	7.4

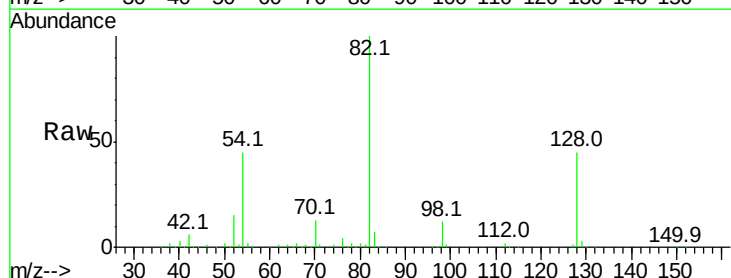


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

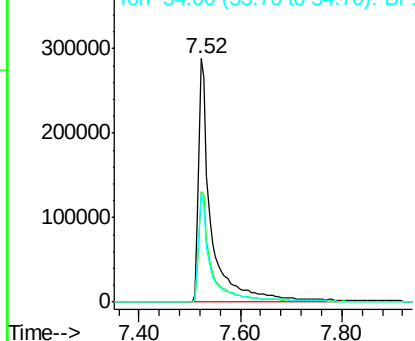
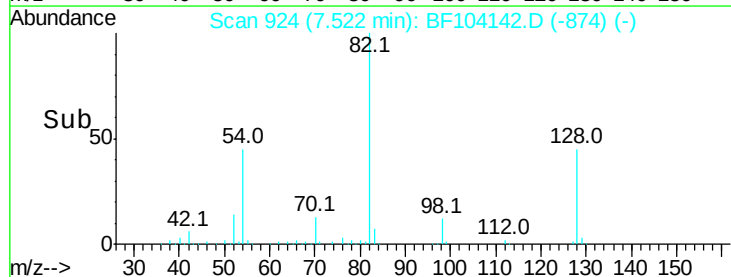


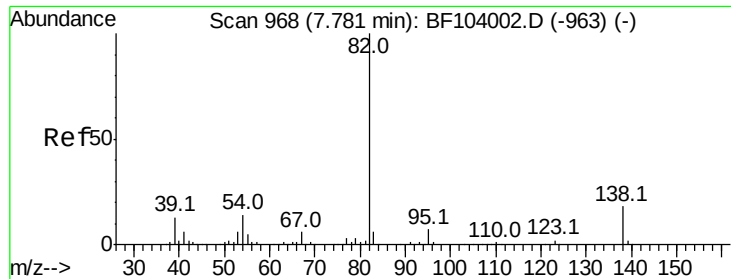
#23
Nitrobenzene-d5
Concen: 67.764 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

Tgt Ion:	82	Resp:	512801
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	44.7	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: 37.054 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampleId :

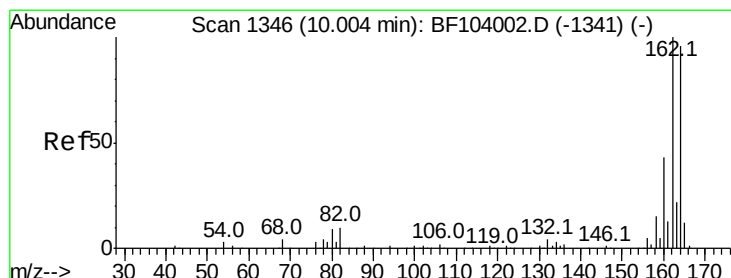
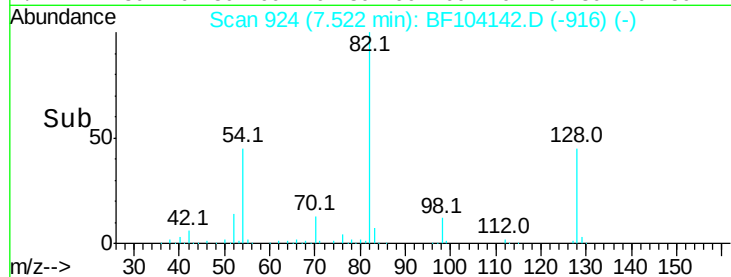
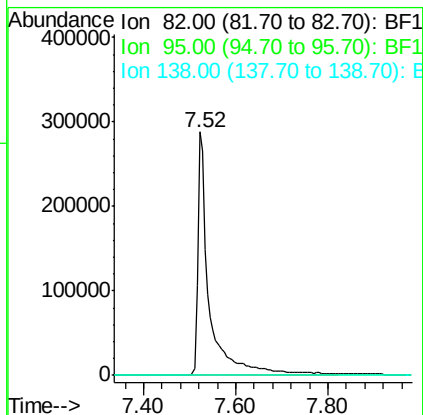
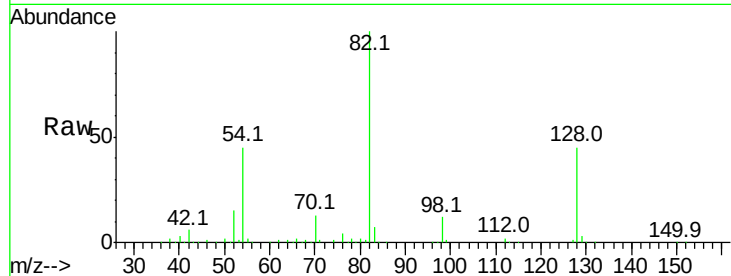
Tot Ion: 82 Resp: 516762

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

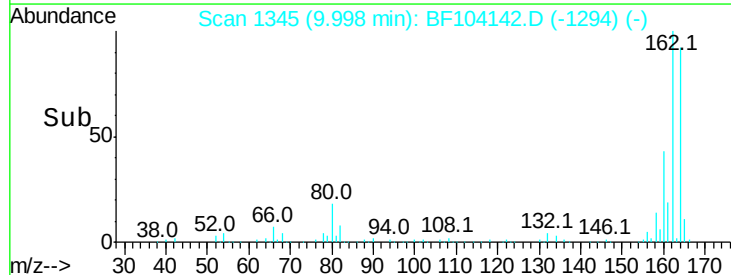
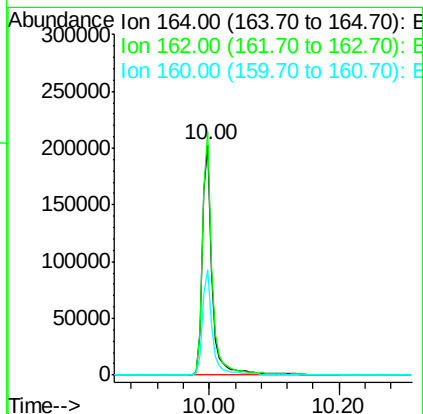
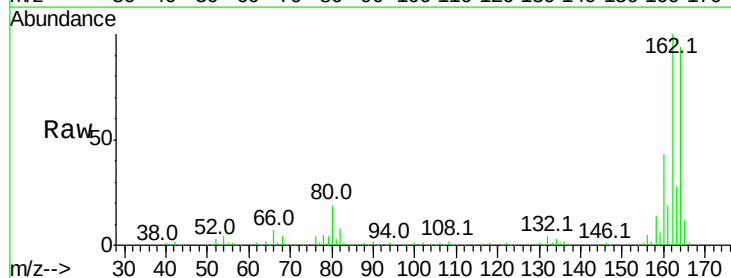
Tgt Ion:164 Resp: 215888

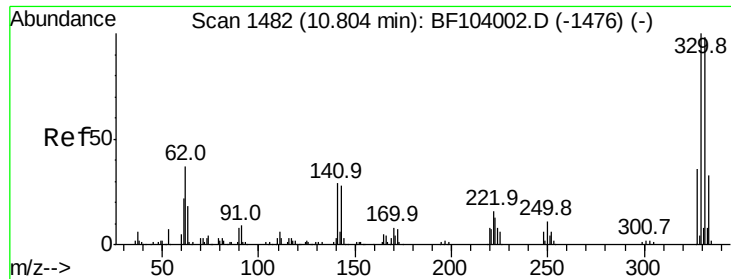
Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

160 45.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 92.272 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

Instrument :

BNA_F

ClientSampled :

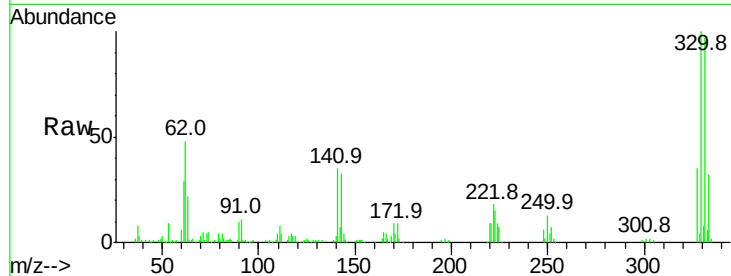
Tot Ion:330 Resp: 221815

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

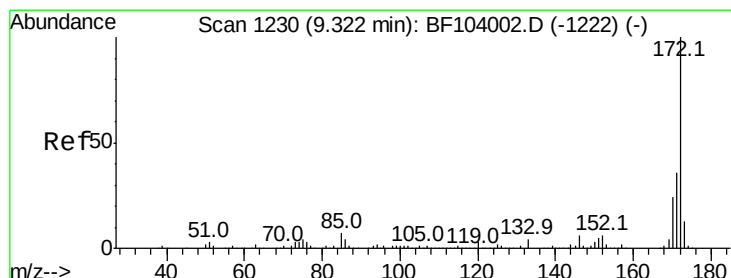
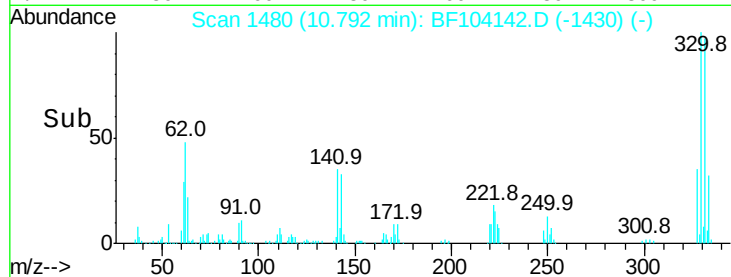
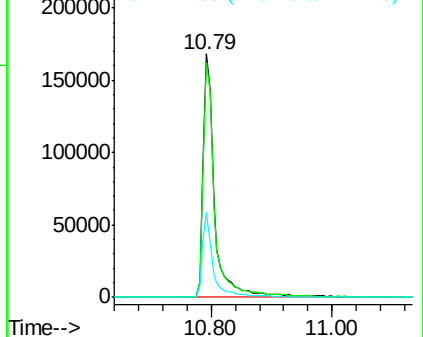
141 31.4 29.9 44.9



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: 72.963 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF104142.D

Acq: 2 Apr 2018 18:19

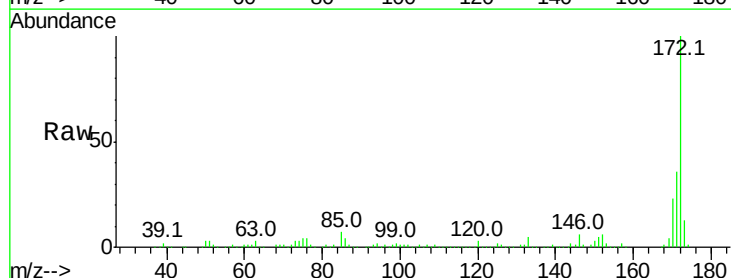
Tgt Ion:172 Resp: 998899

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

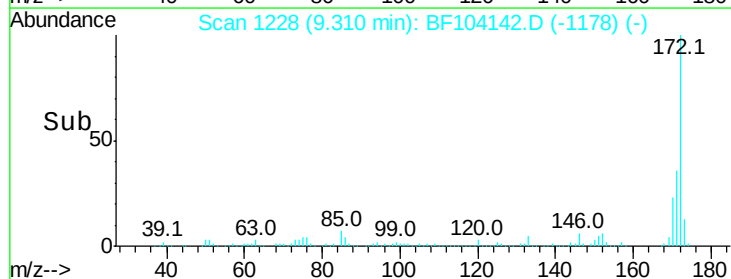
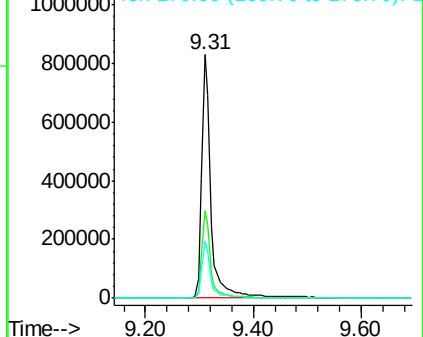
170 23.4 19.6 29.4

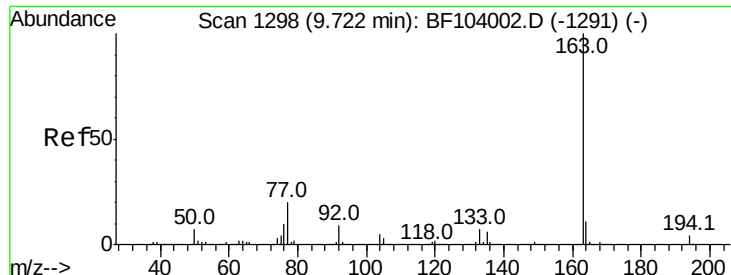


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

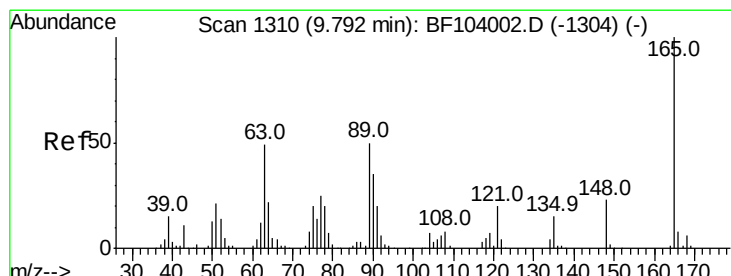
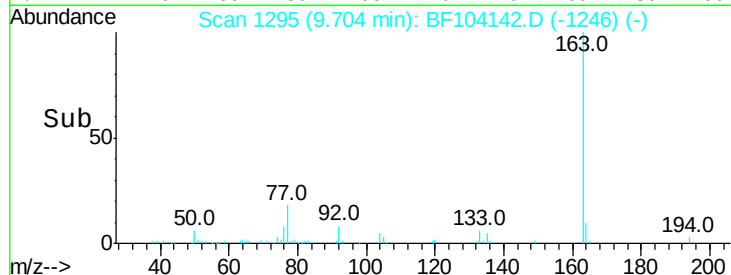
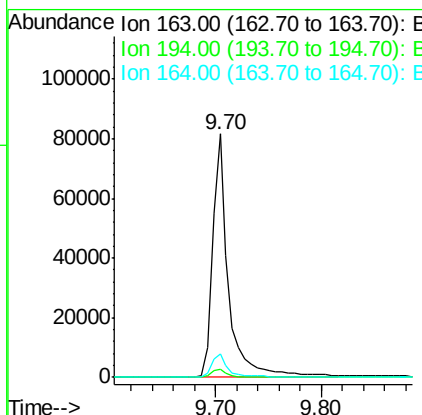
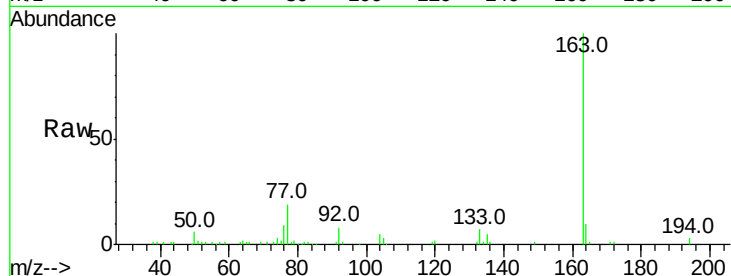




#49
Dimethylphthalate
Concen: 5.090 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

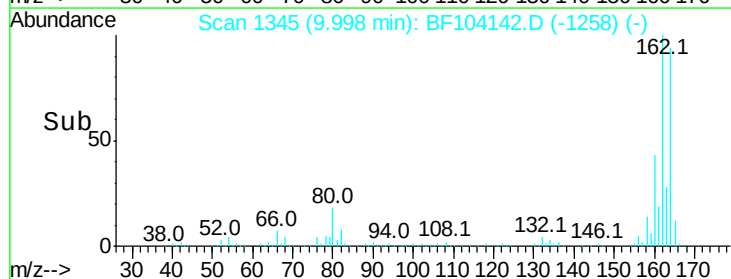
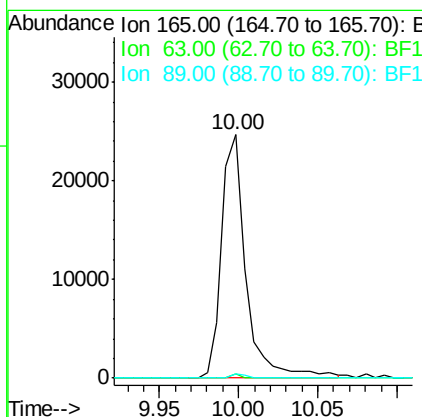
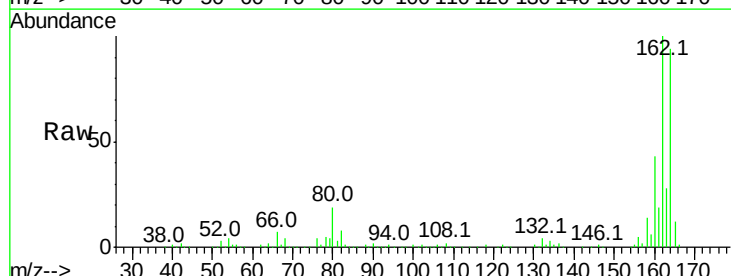
Instrument :
BNA_F
ClientSampleId :

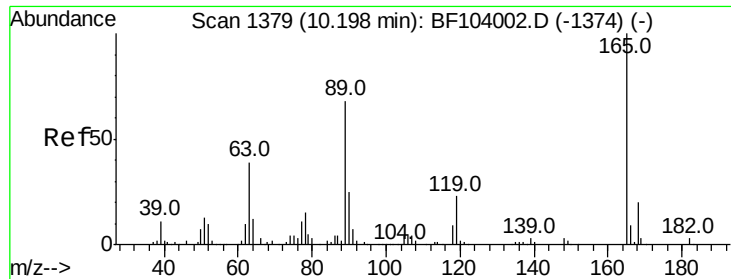
Tot Ion:163 Resp: 86753
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.196 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104142.D
Acq: 2 Apr 2018 18:19

Tgt Ion:165 Resp: 26389
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.8 44.0 66.0#

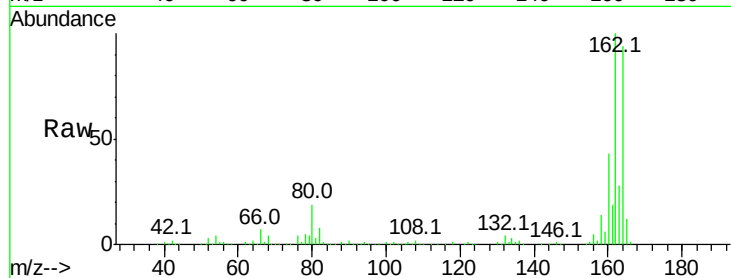




#56
 2,4-Dinitrotoluene
 Concen: 5.667 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.20 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

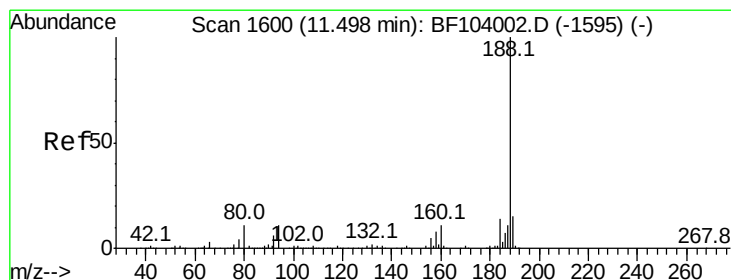
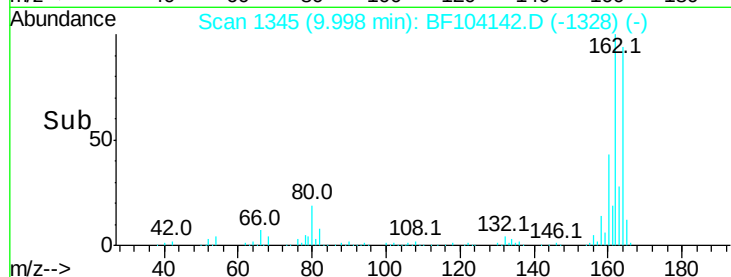
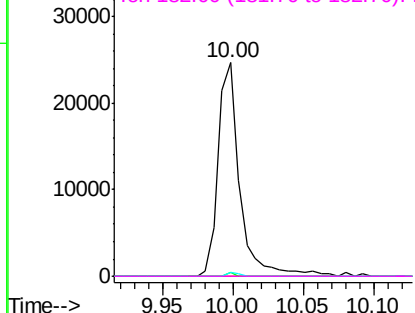


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

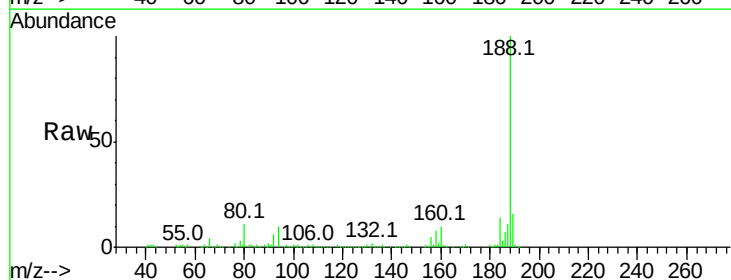
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

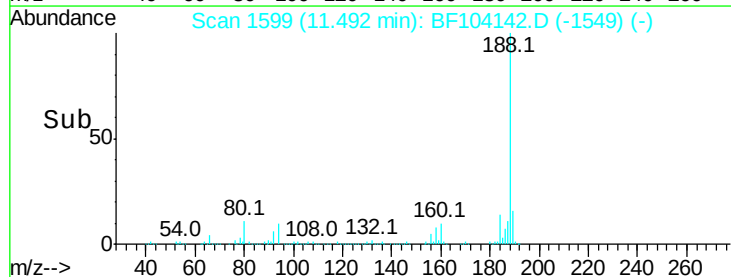
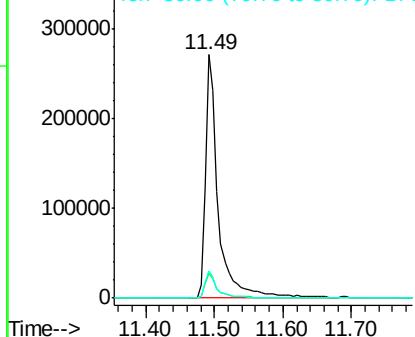
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

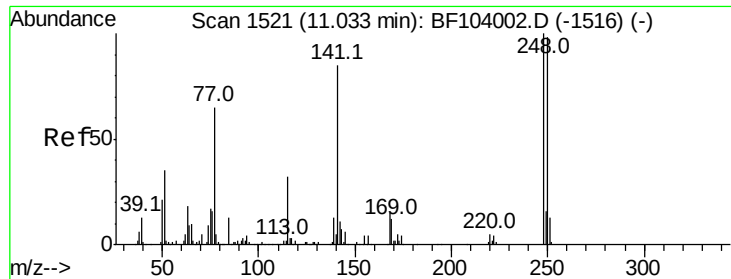


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

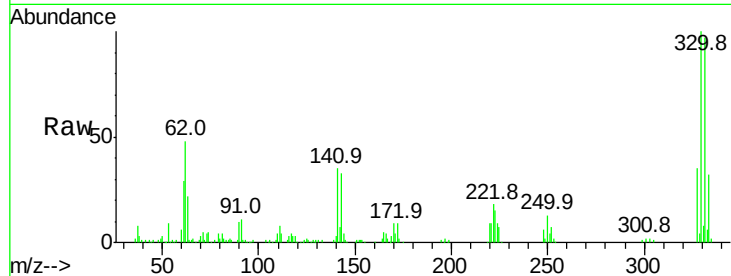




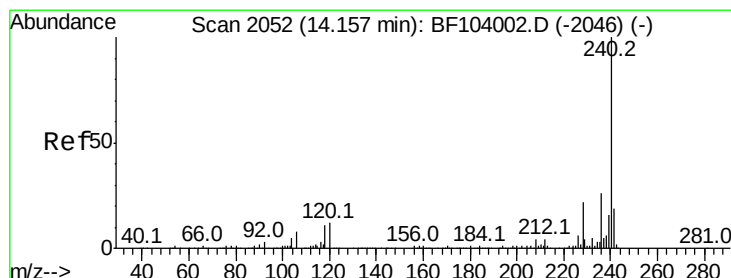
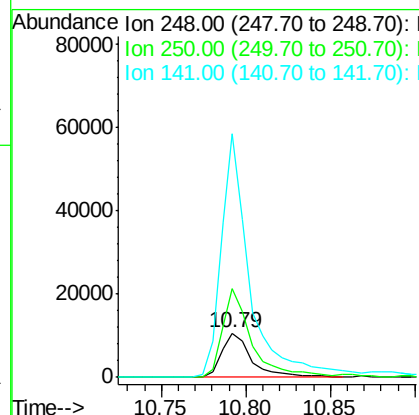
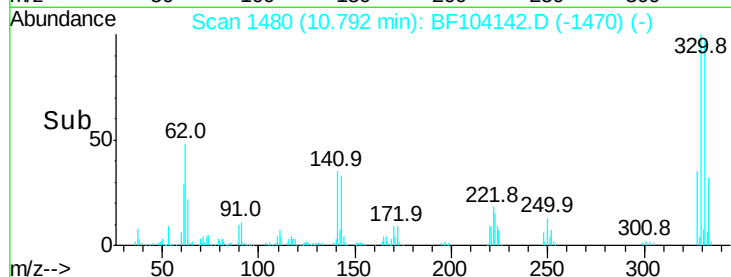
#66
 4-Bromophenyl-phenylether
 Concen: 3.388 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.24 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13060
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.9 115.3#
 141 553.8 74.4 111.6#

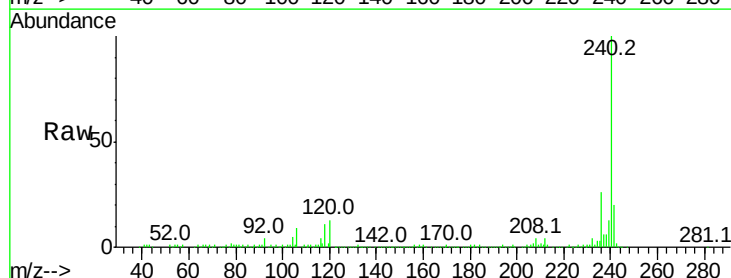


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

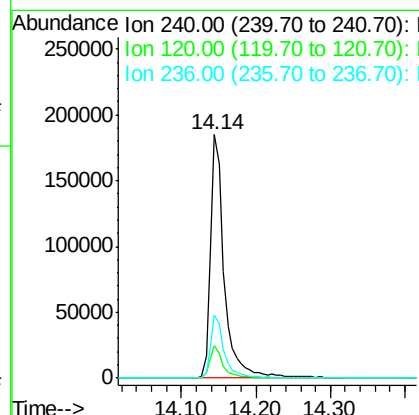
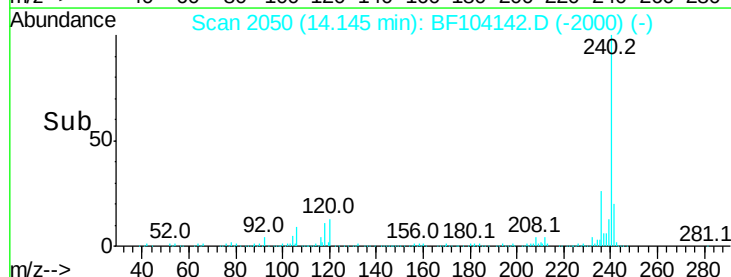


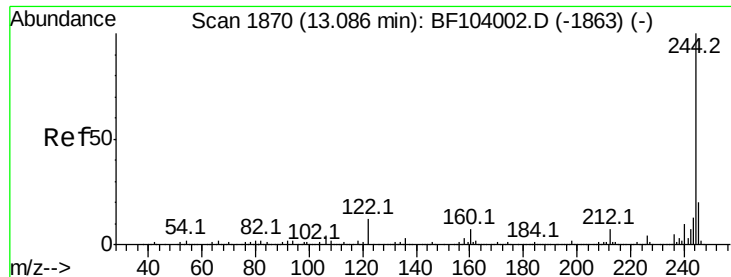
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Tgt Ion:240 Resp: 240365
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.7 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

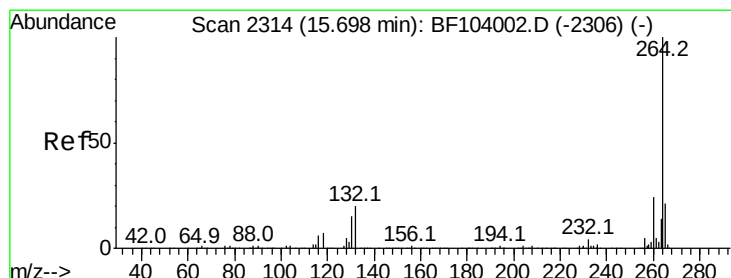
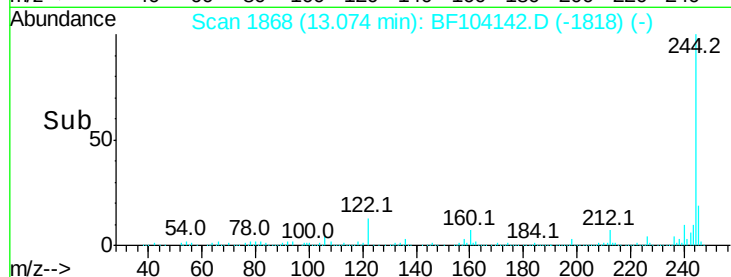
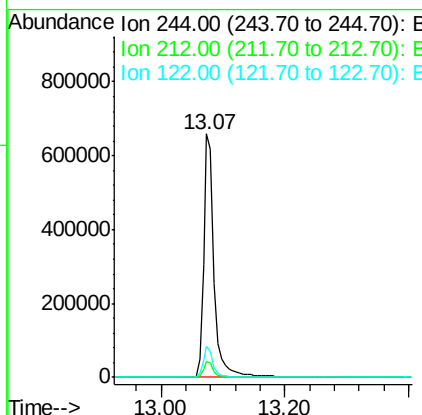
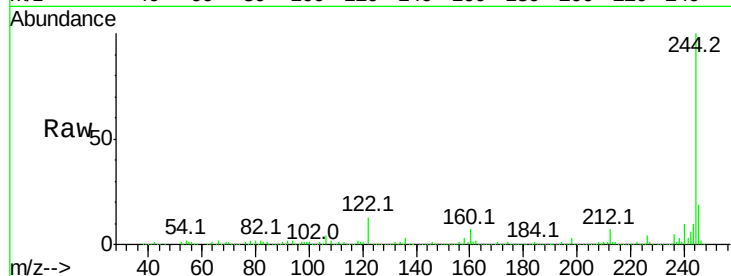




#78
 Terphenyl-d14
 Concen: 74.695 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 777587
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104142.D
 Acq: 2 Apr 2018 18:19

Tgt Ion:264 Resp: 245485
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.2 28.8
 265 20.3 17.5 26.3

