

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104203.D
 Acq On : 4 Apr 2018 1:53
 Operator : JU/SJ
 Sample : J2182-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 02:24:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

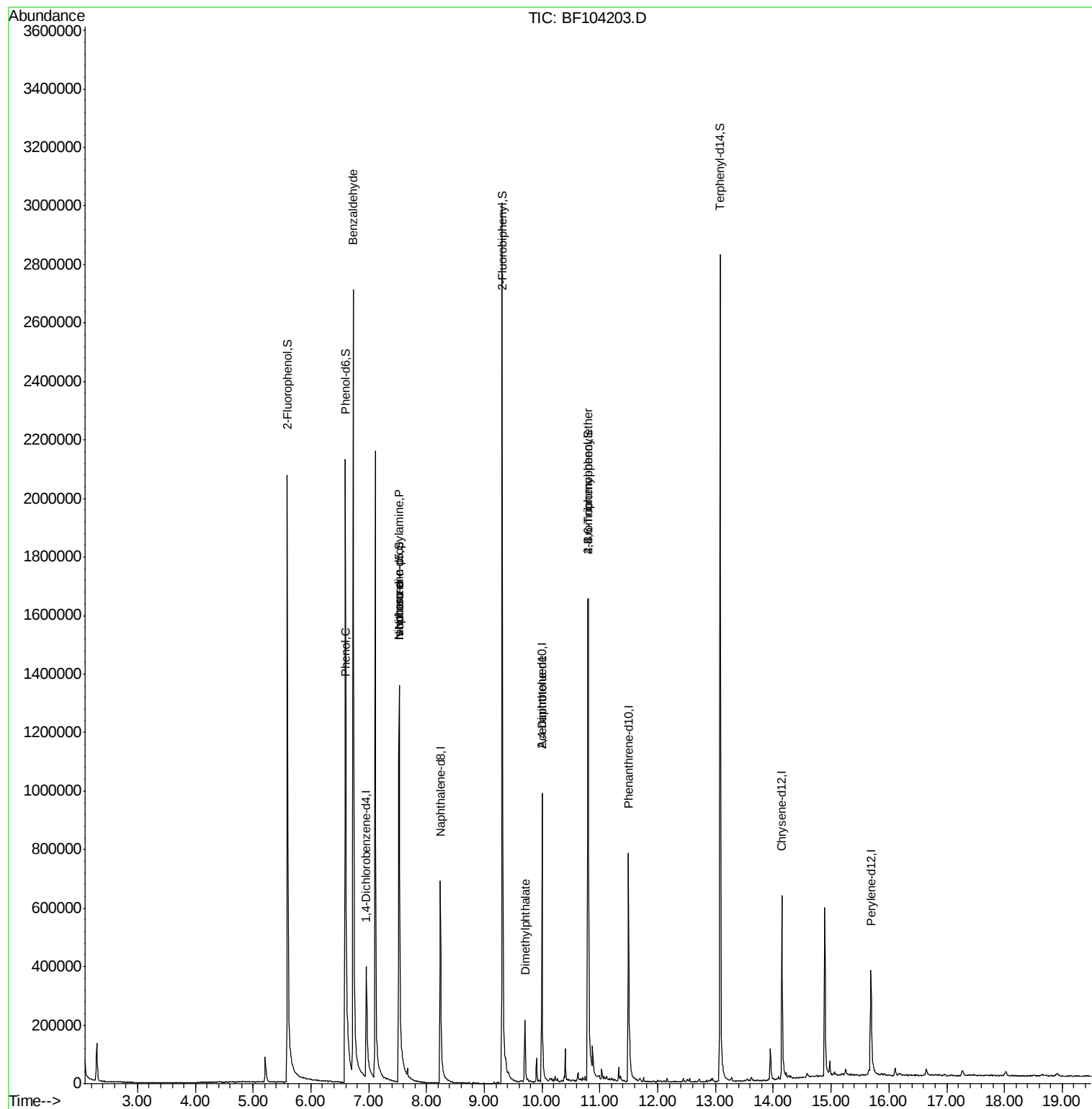
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117027	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	510440	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	237459	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	432046	20.00	ng	0.00
75) Chrysene-d12	14.15	240	298269	20.00	ng	0.00
86) Perylene-d12	15.69	264	247360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	983893	134.08	ng	0.00
7) Phenol-d6	6.60	99	1221520	135.30	ng	0.00
23) Nitrobenzene-d5	7.53	82	765694	91.74	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	328369	124.19	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1298910	86.26	ng	0.00
78) Terphenyl-d14	13.08	244	1203247	93.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	20114	2.887	ng	89
10) Phenol	6.61	94	22391	2.238	ng	# 17
19) n-Nitroso-di-n-propylamine	7.53	70	92219	17.212	ng	# 70
25) Isophorone	7.53	82	765694	49.779	ng	# 64
49) Dimethylphthalate	9.70	163	123139	6.568	ng	99
56) 2,4-Dinitrotoluene	10.00	165	28486	5.535	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	19624	4.246	ng	# 1

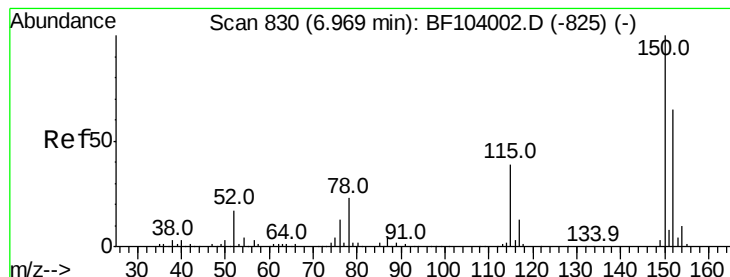
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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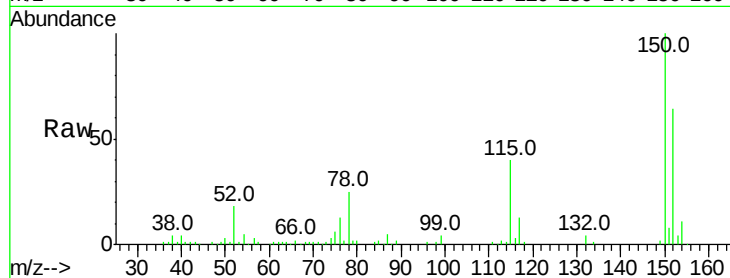


#1

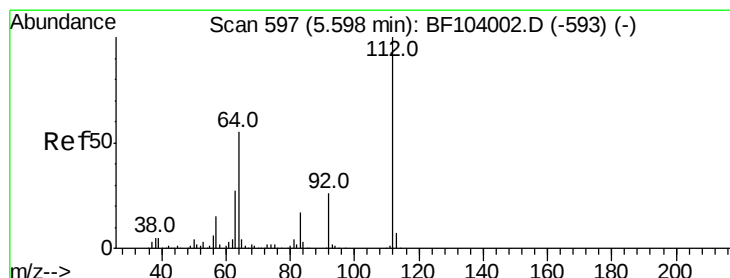
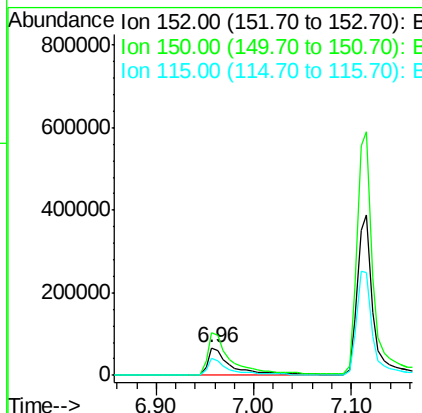
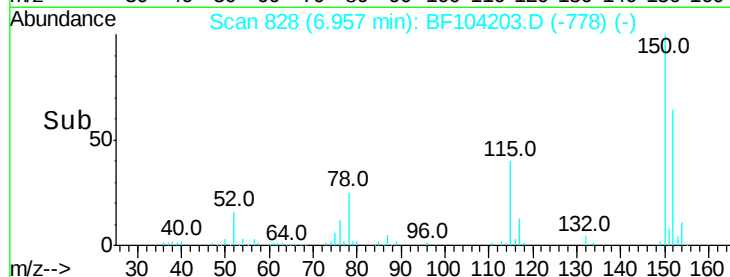
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	63.1	50.1	75.1



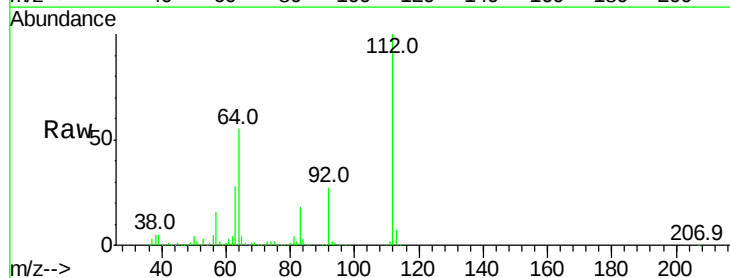
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



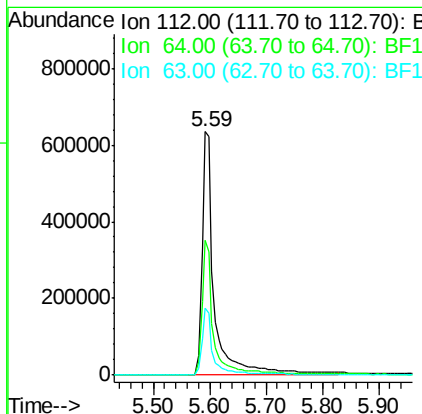
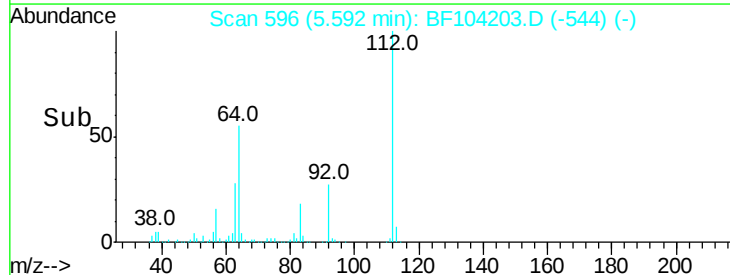
#5

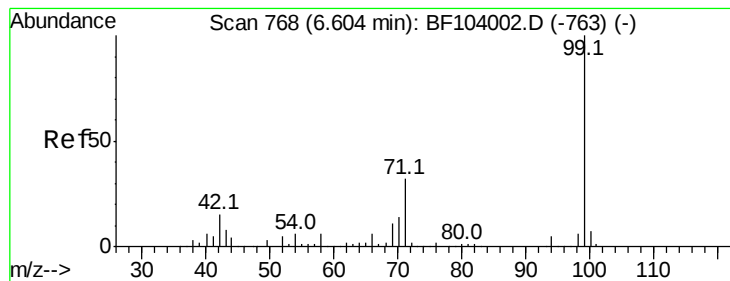
2-Fluorophenol
Concen: 134.077 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	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: 135.299 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104203.D

Acq: 4 Apr 2018 1:53

Instrument :

BNA_F

ClientSampled :

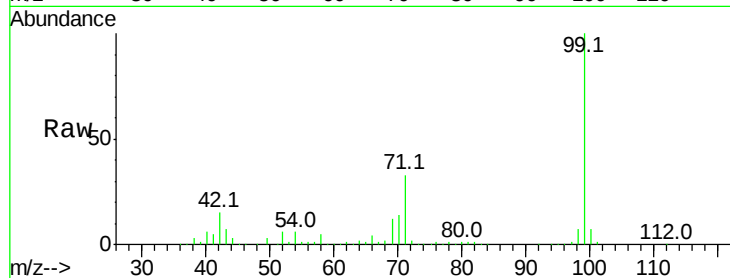
Tot Ion: 99 Resp: 1221520

Ion Ratio Lower Upper

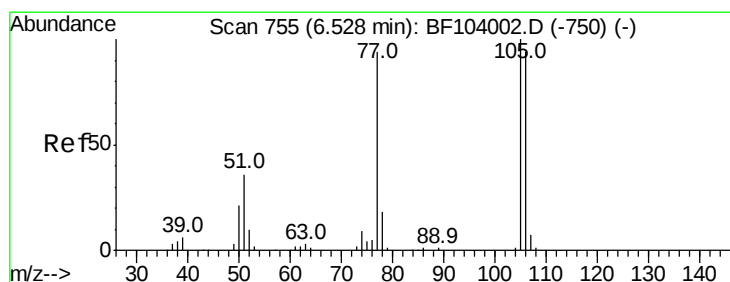
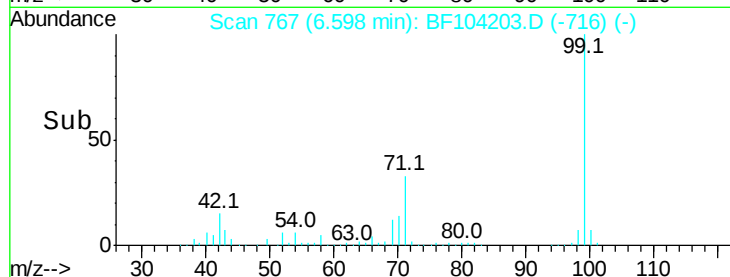
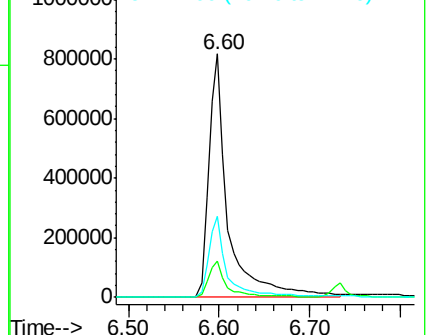
99 100

42 15.0 14.5 21.7

71 33.1 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: 2.887 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104203.D

Acq: 4 Apr 2018 1:53

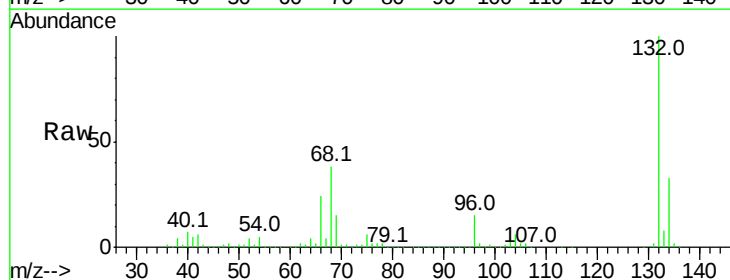
Tgt Ion: 77 Resp: 20114

Ion Ratio Lower Upper

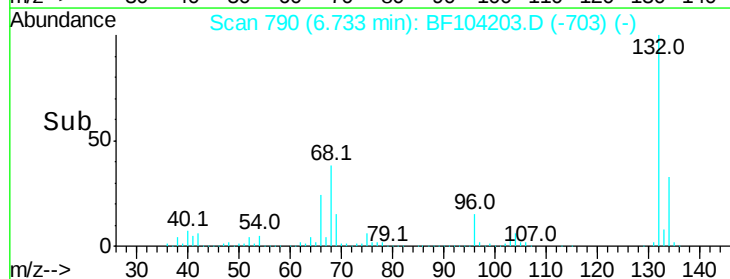
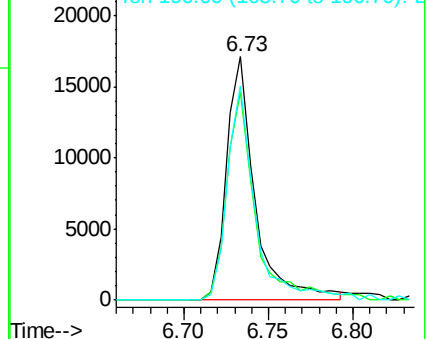
77 100

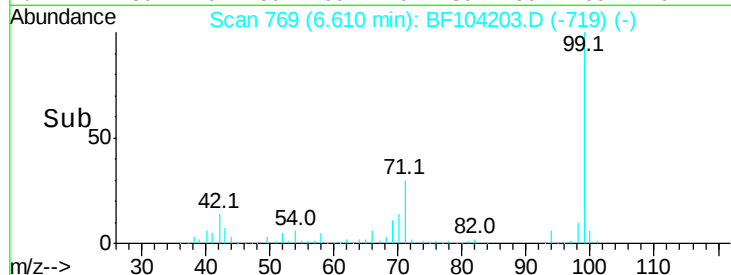
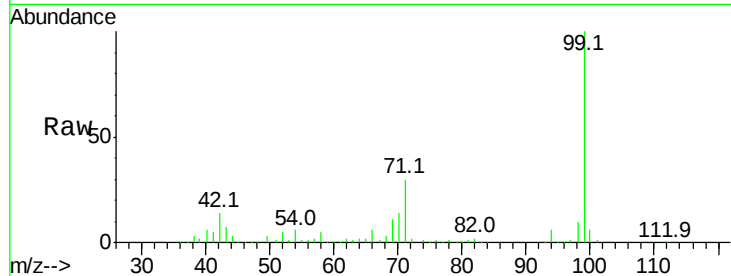
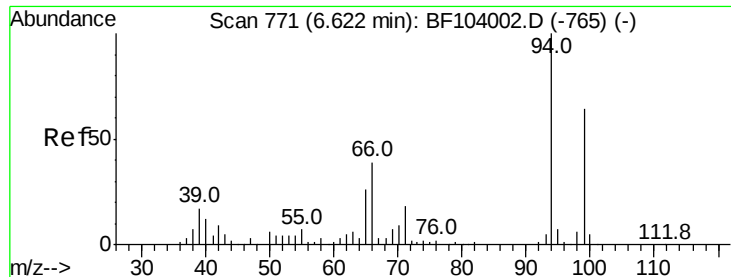
105 85.5 81.1 121.1

106 88.0 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: 2.238 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104203.D

Acq: 4 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

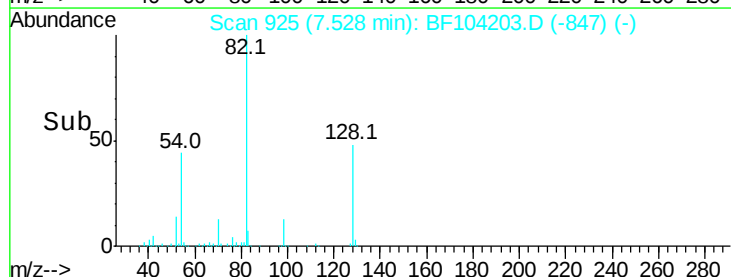
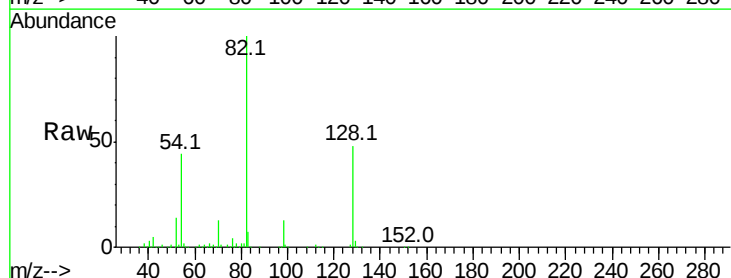
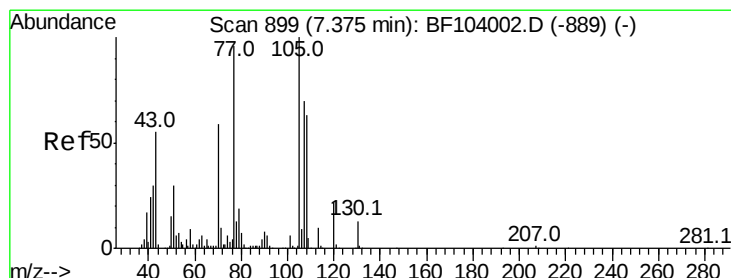
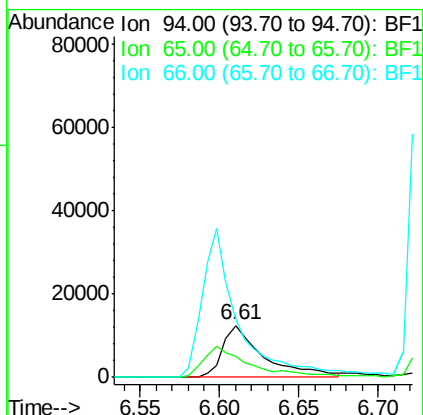
Tot Ion: 94 Resp: 22391

Ion Ratio Lower Upper

94 100

65 40.4 7.9 47.9

66 112.1 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.212 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104203.D

Acq: 4 Apr 2018 1:53

Tgt Ion: 70 Resp: 92219

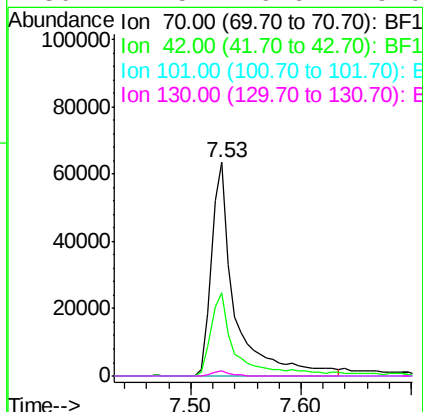
Ion Ratio Lower Upper

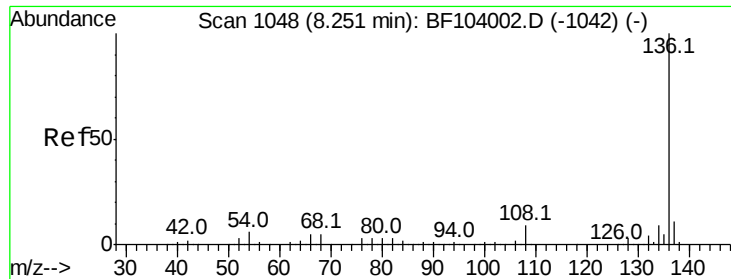
70 100

42 38.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

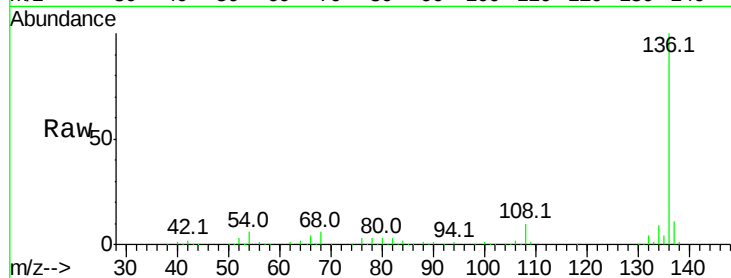




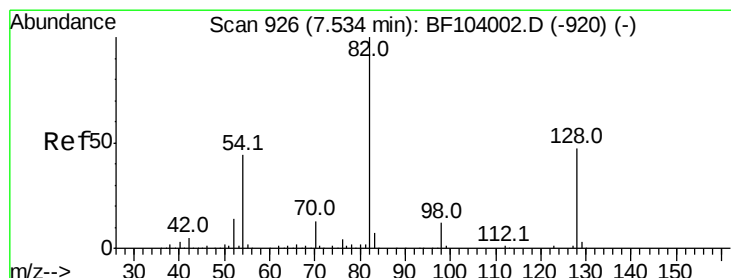
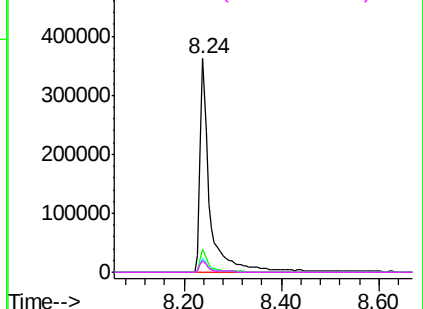
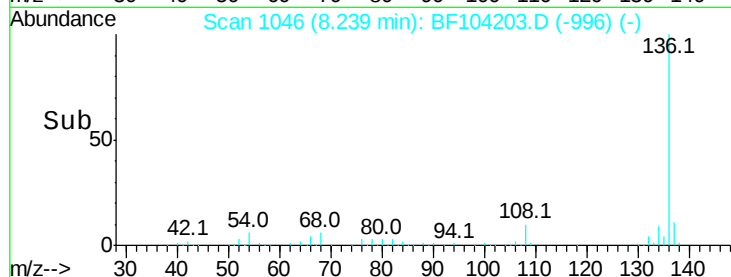
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	510440
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.7	5.0	7.4

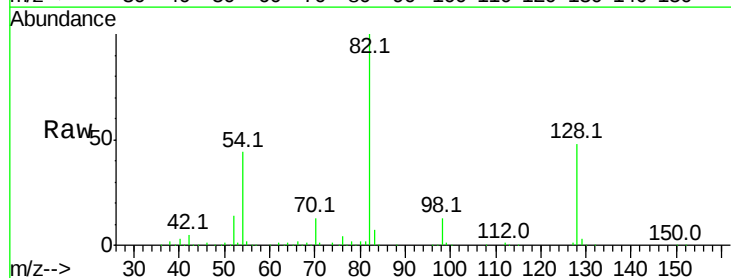


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

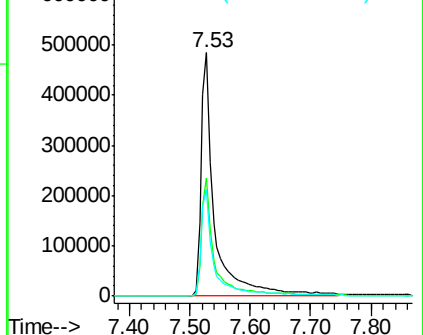
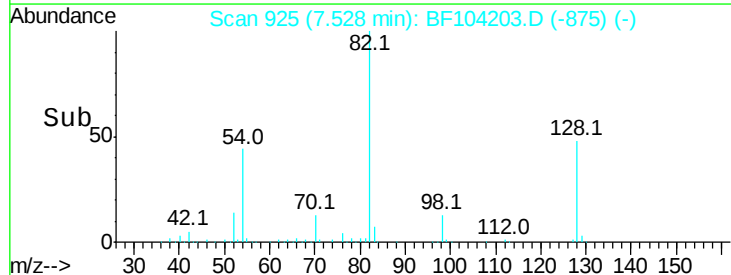


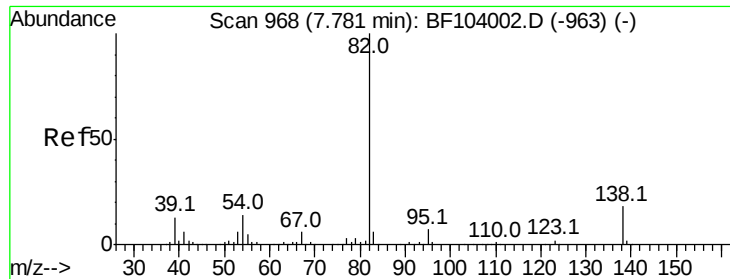
#23
Nitrobenzene-d5
Concen: 91.737 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Tgt Ion:	82	Resp:	765694
Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.1	54.1
54	43.6	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

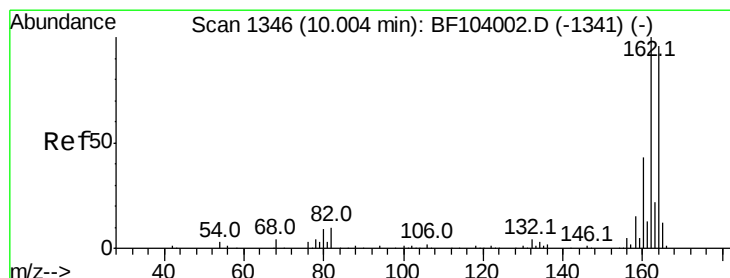
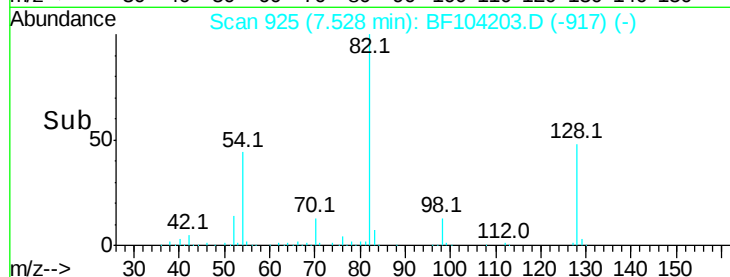
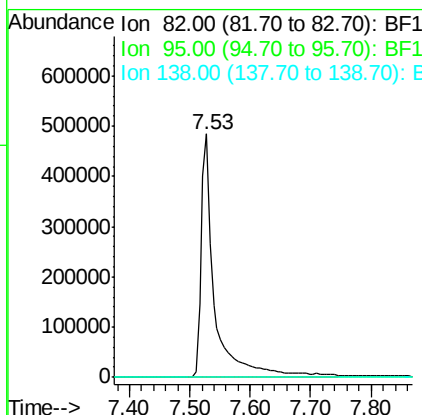
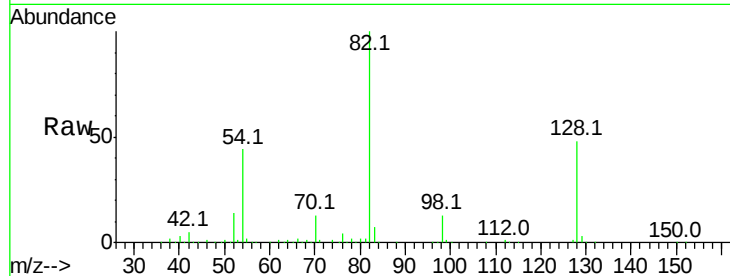




#25
Isophorone
Concen: 49.779 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

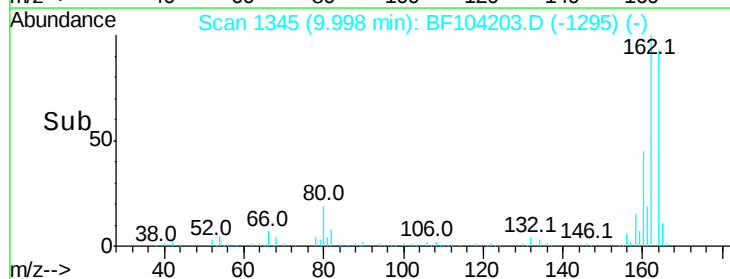
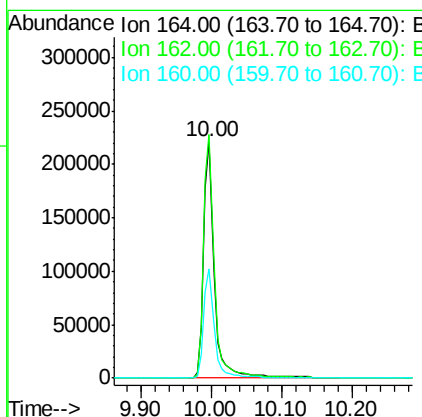
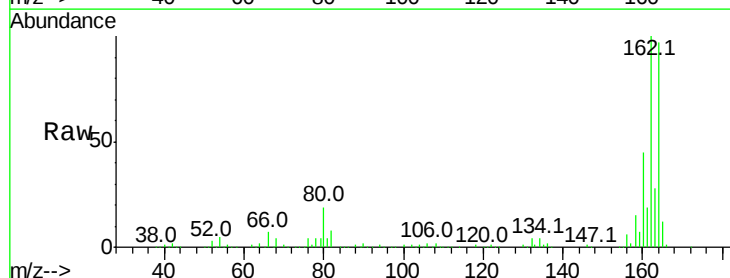
Instrument :
BNA_F
ClientSampleId :

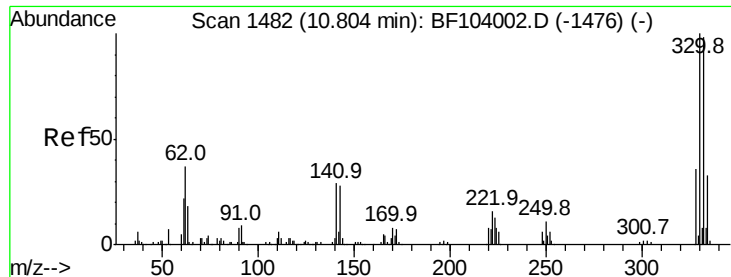
Tot Ion: 82 Resp: 765694
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Tgt Ion:164 Resp: 237459
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.3 38.3 57.5

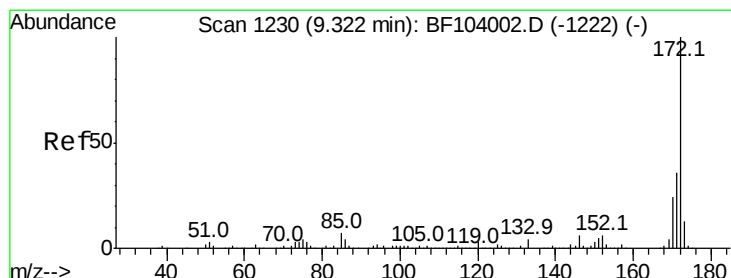
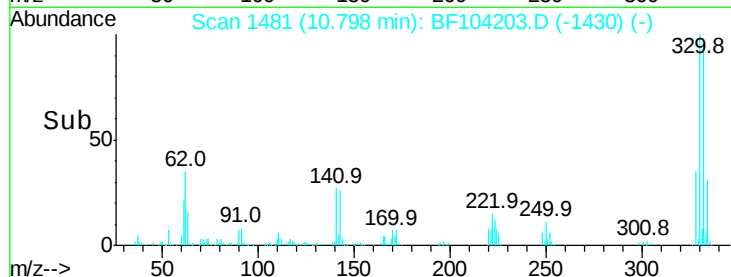
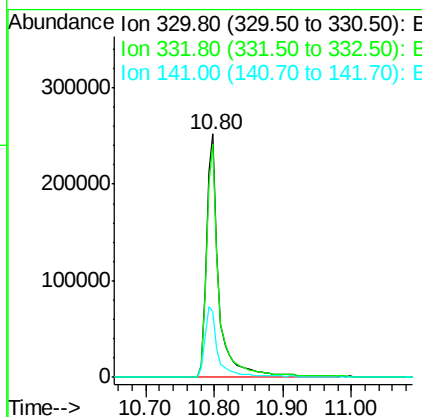
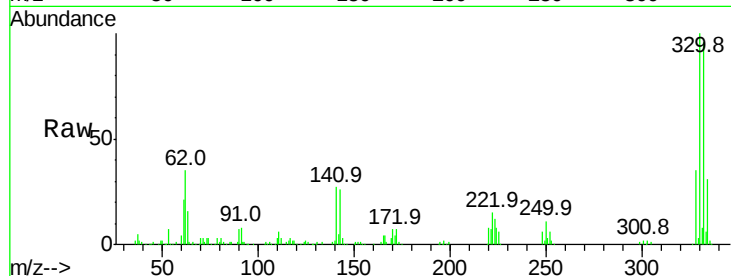




#41
 2,4,6-Tribromophenol
 Concen: 124.189 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104203.D
 Acq: 4 Apr 2018 1:53

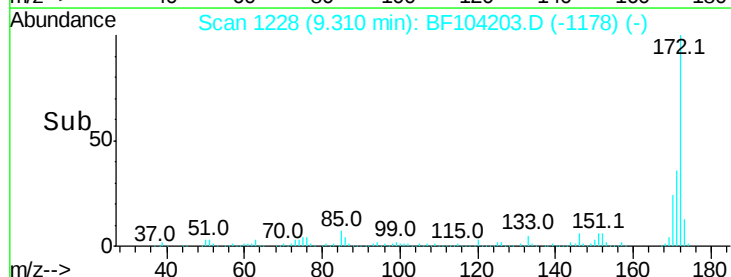
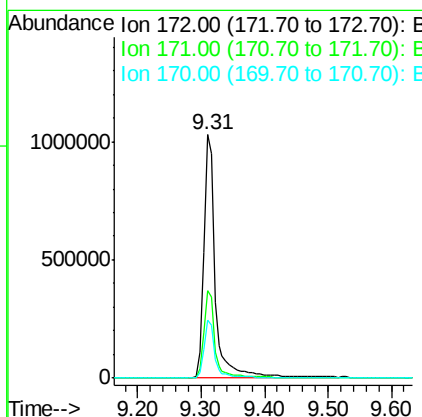
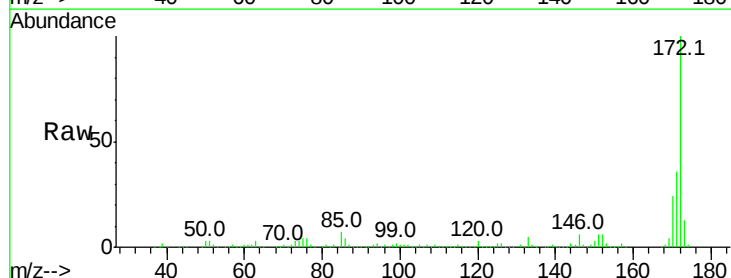
Instrument :
 BNA_F
 ClientSampleId :

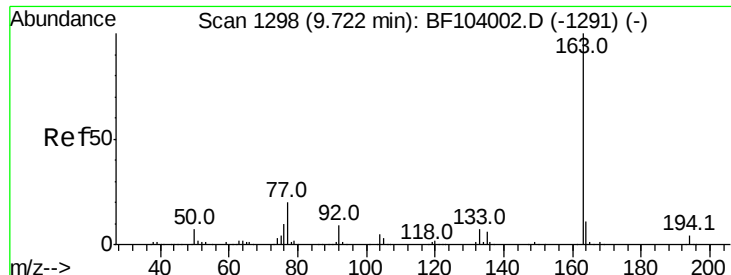
Tot Ion:330 Resp: 328369
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 29.5 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 86.258 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104203.D
 Acq: 4 Apr 2018 1:53

Tgt Ion:172 Resp: 1298910
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 19.6 29.4

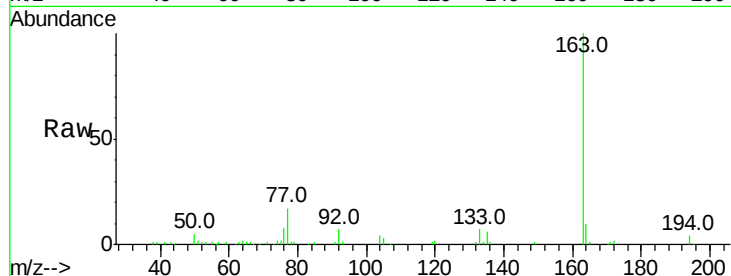




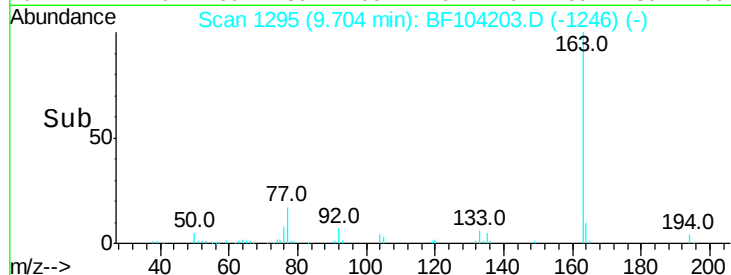
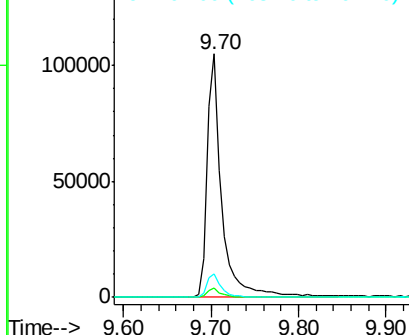
#49
Dimethylphthalate
Concen: 6.568 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 123139
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2

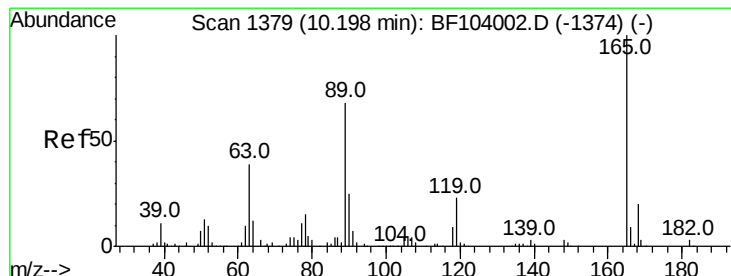


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

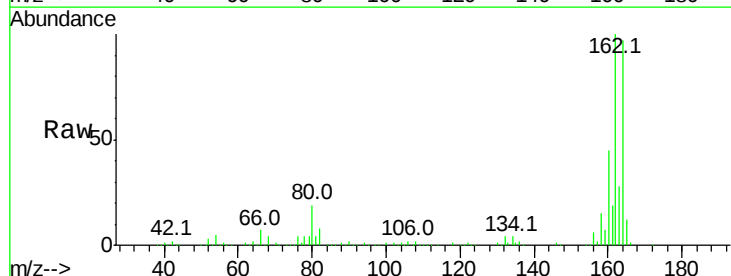
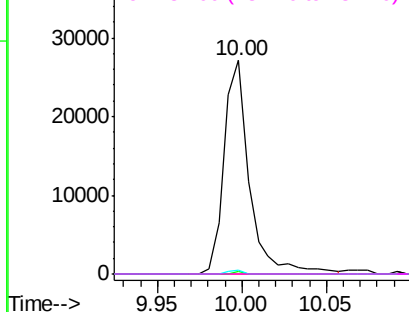


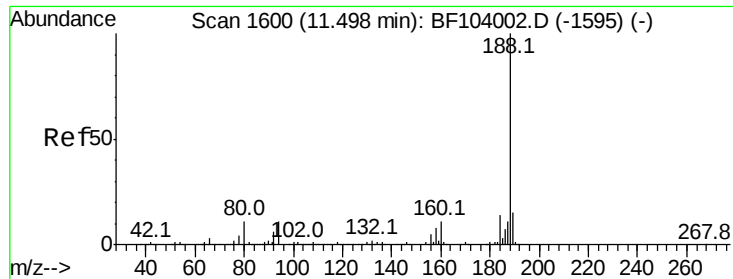
#56
2,4-Dinitrotoluene
Concen: 5.535 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Tgt Ion:165 Resp: 28486
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.5 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

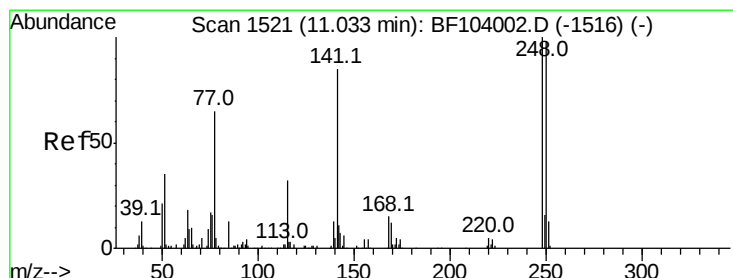
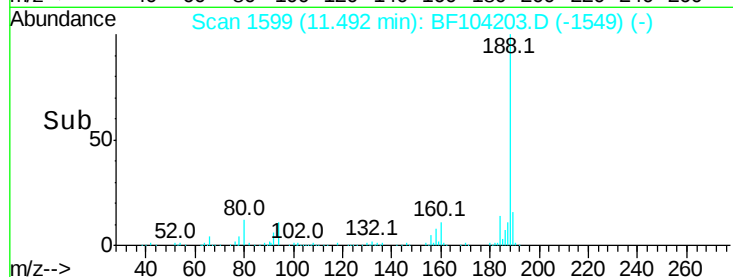
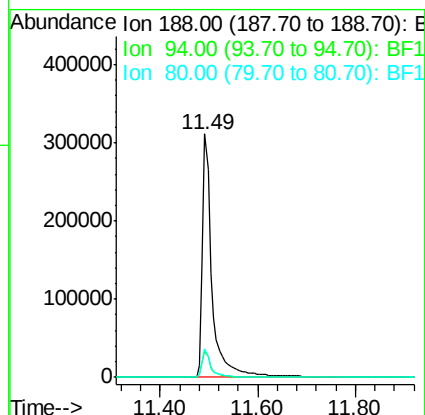
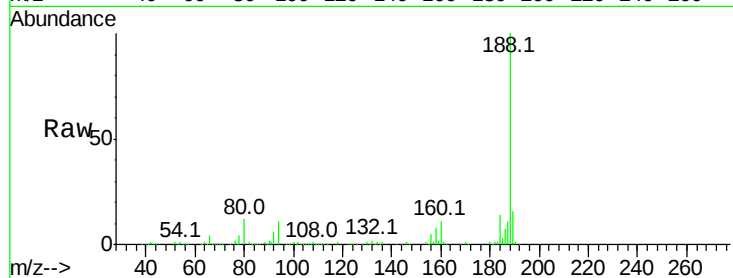




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

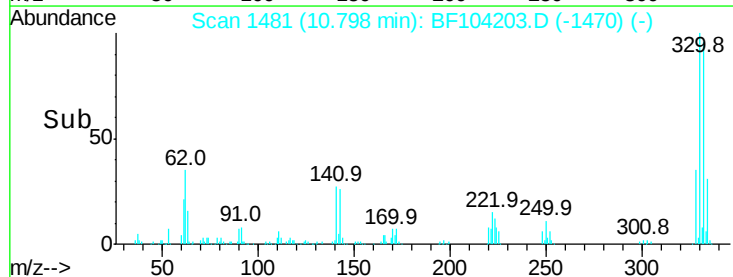
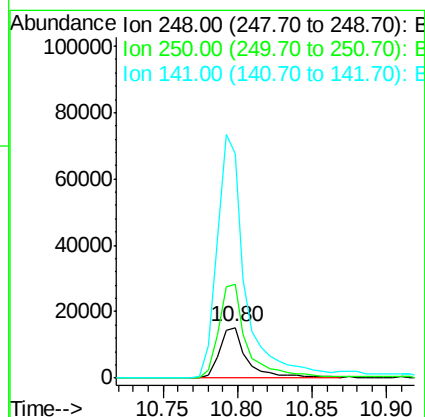
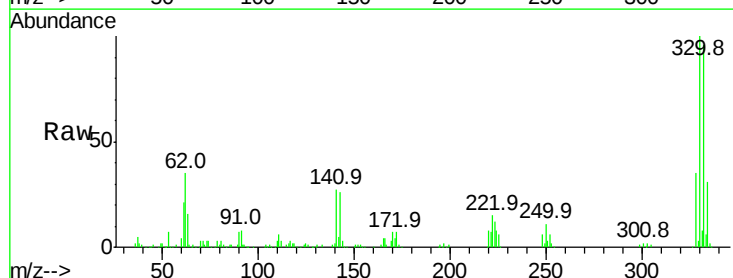
Instrument :
BNA_F
ClientSampleId :

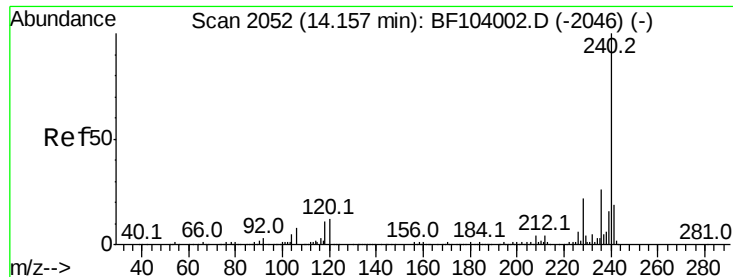
Tot Ion:188 Resp: 432046
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Tgt Ion:248 Resp: 19624
Ion Ratio Lower Upper
248 100
250 186.3 76.9 115.3#
141 443.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104203.D

Acq: 4 Apr 2018 1:53

Instrument :

BNA_F

ClientSampleId :

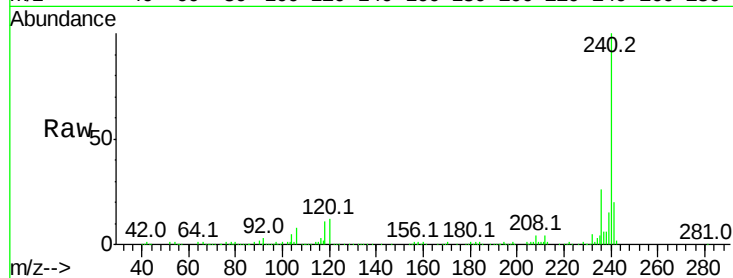
Tot Ion:240 Resp: 298269

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

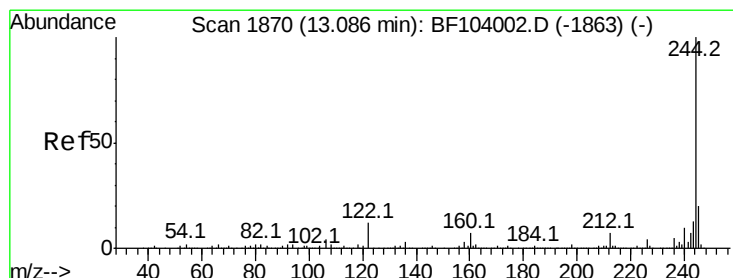
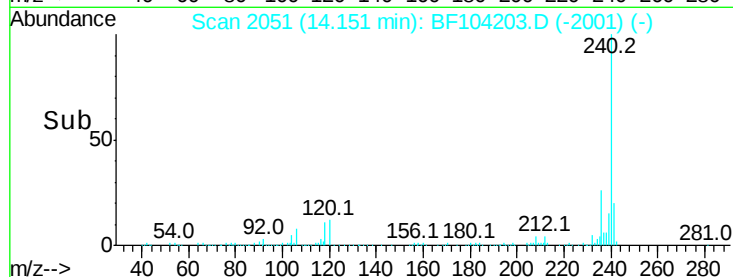
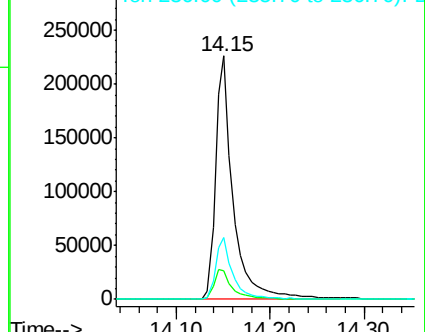
236 25.6 20.7 31.1



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: 93.145 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104203.D

Acq: 4 Apr 2018 1:53

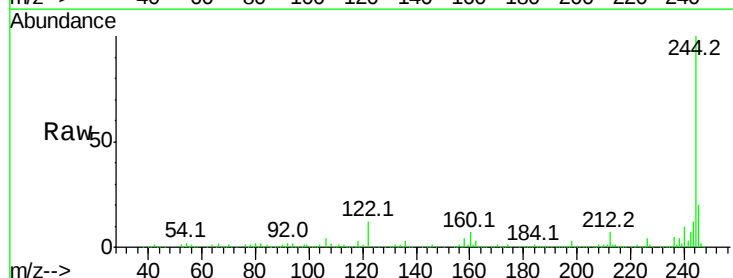
Tgt Ion:244 Resp: 1203247

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

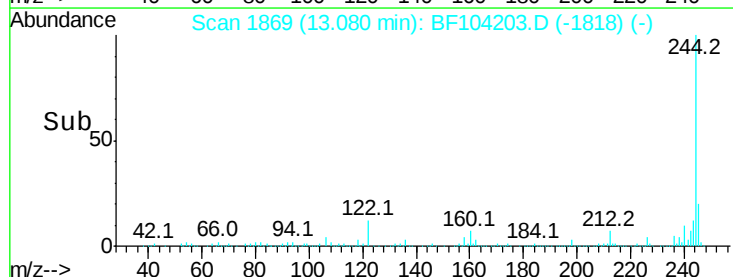
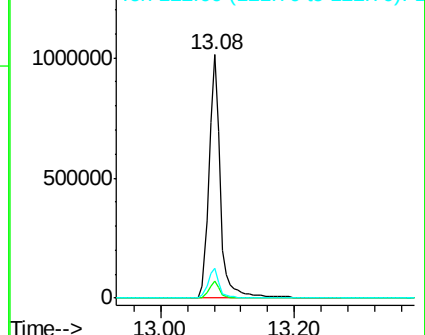
122 12.5 11.0 16.4

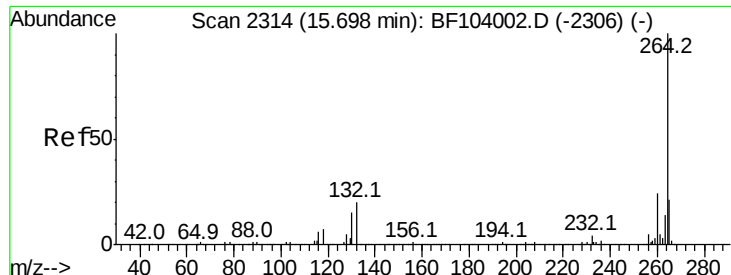


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

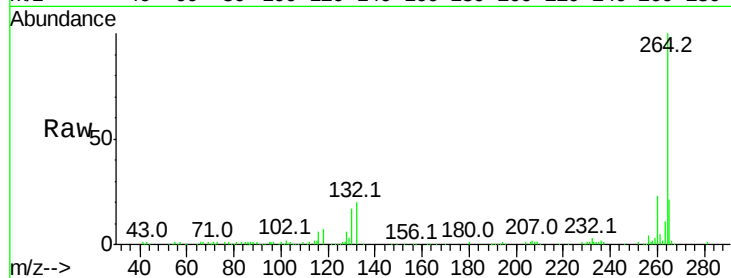




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104203.D
Acq: 4 Apr 2018 1:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	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

