

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104146.D
 Acq On : 2 Apr 2018 20:04
 Operator : JU/SJ
 Sample : J2099-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 01:08:37 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

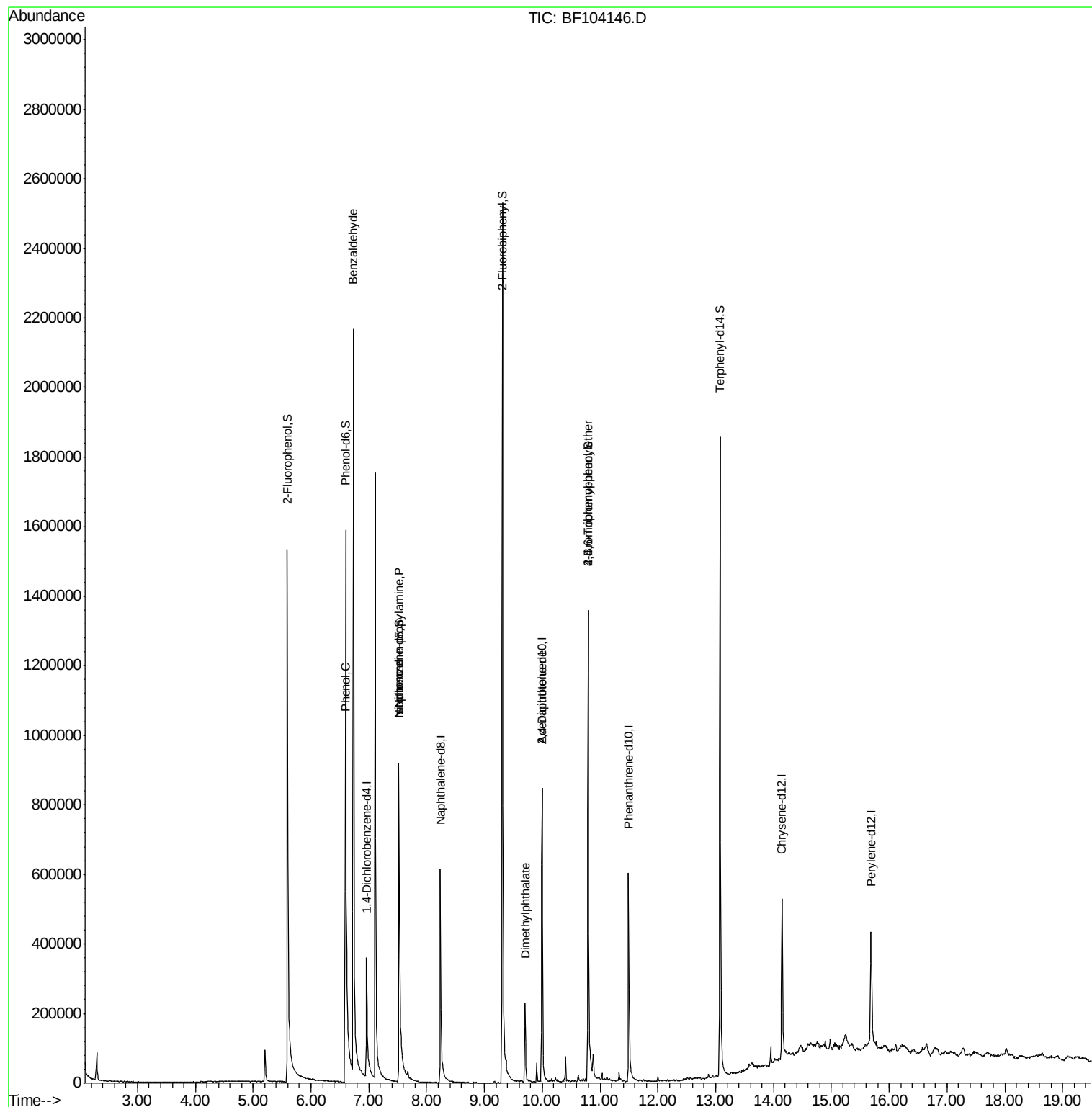
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102744	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	423124	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	198098	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	321427	20.00	ng	0.00
75) Chrysene-d12	14.15	240	223085	20.00	ng	0.00
86) Perylene-d12	15.69	264	223940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	727027	112.85	ng	0.00
7) Phenol-d6	6.60	99	938749	118.43	ng	0.00
23) Nitrobenzene-d5	7.52	82	573948	82.95	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	227133	102.97	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1081728	86.11	ng	0.00
78) Terphenyl-d14	13.08	244	790413	81.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	15375	2.444	ng	84
10) Phenol	6.61	94	66736	7.599	ng	80
19) n-Nitroso-di-n-propylamine	7.52	70	68208	14.500	ng	# 73
25) Isophorone	7.52	82	578196	45.346	ng	# 64
49) Dimethylphthalate	9.70	163	113235	7.240	ng	100
56) 2,4-Dinitrotoluene	10.00	165	24983	5.818	ng	# 24
66) 4-Bromophenyl-phenylether	10.79	248	13662	3.973	ng	# 1

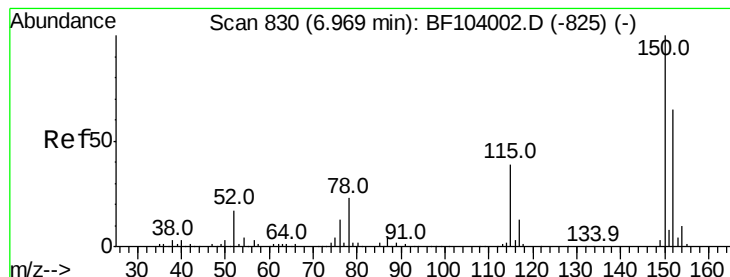
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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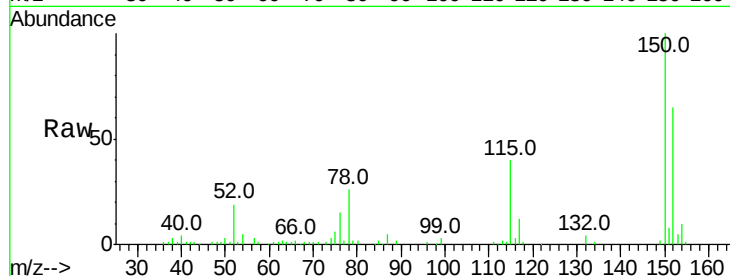


#1

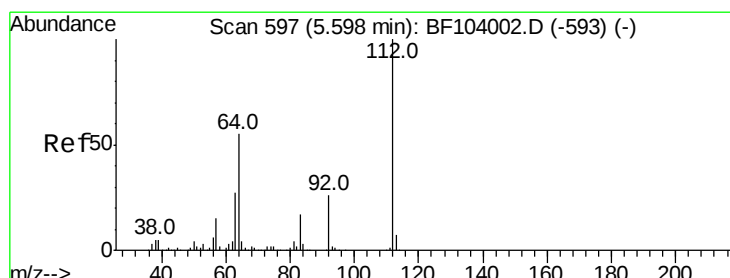
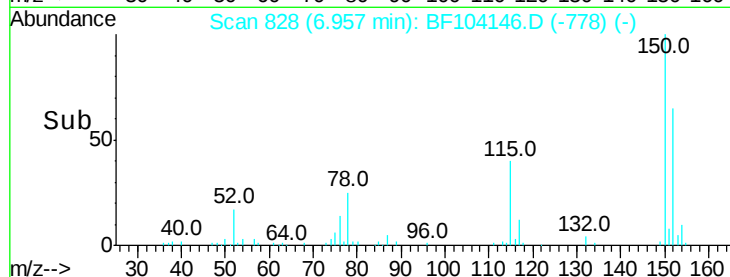
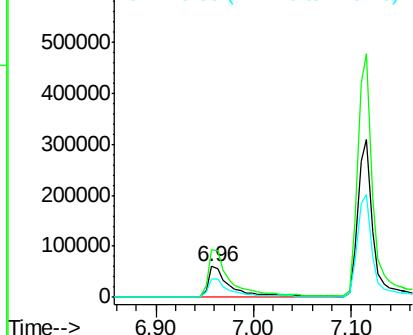
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102744
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 61.5 50.1 75.1



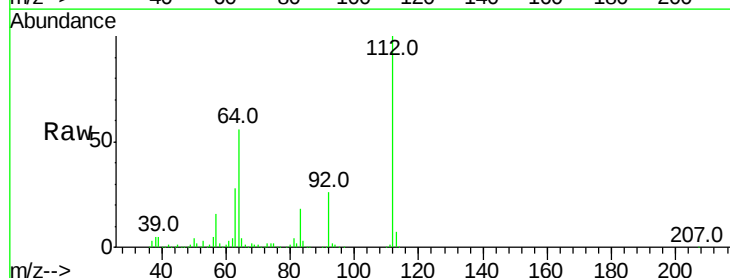
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



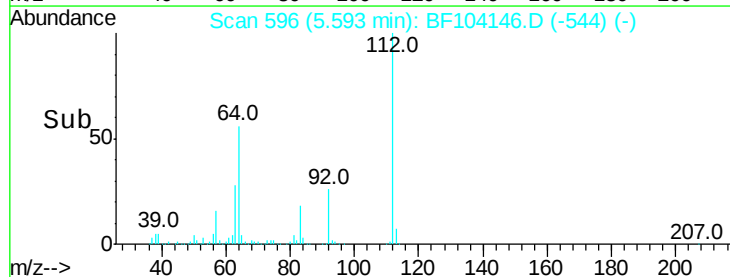
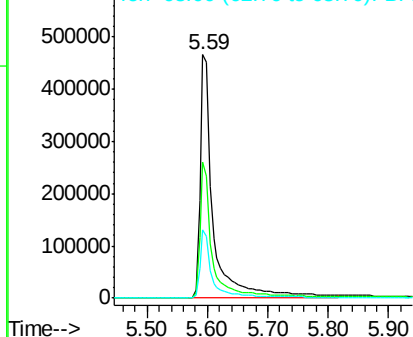
#5

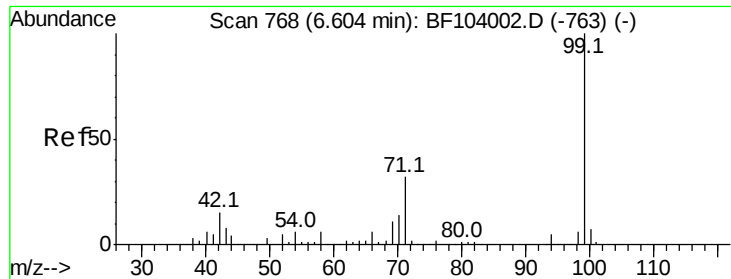
2-Fluorophenol
Concen: 112.846 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Tgt Ion:112 Resp: 727027
Ion Ratio Lower Upper
112 100
64 55.8 47.9 71.9
63 28.1 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: 118.433 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Instrument :

BNA_F

ClientSampleId :

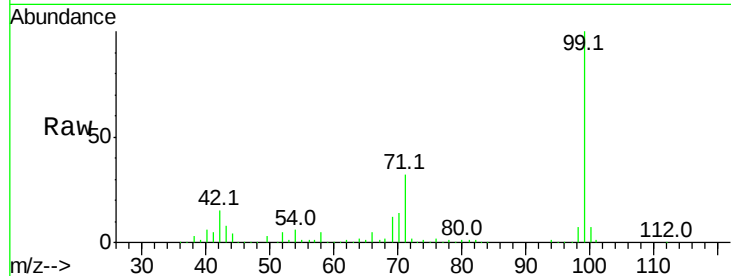
Tot Ion: 99 Resp: 938749

Ion Ratio Lower Upper

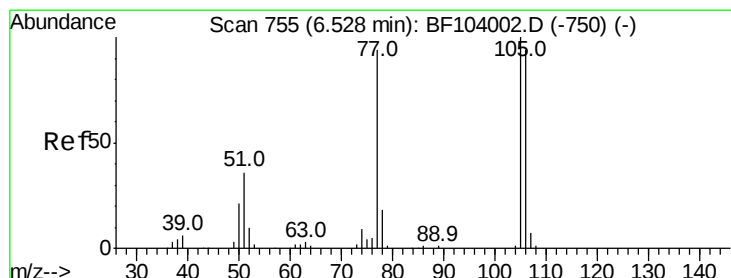
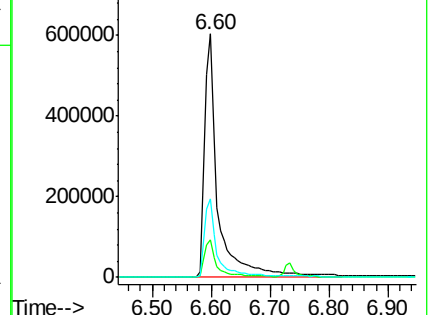
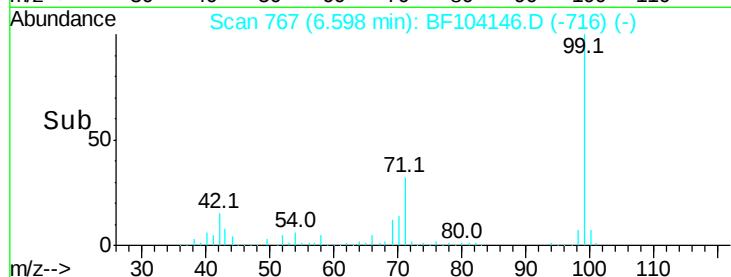
99 100

42 15.4 14.5 21.7

71 32.5 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: 2.444 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.21 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

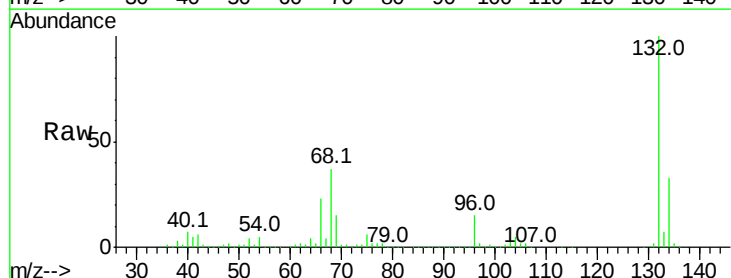
Tgt Ion: 77 Resp: 15375

Ion Ratio Lower Upper

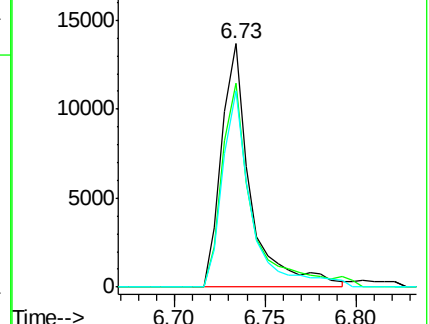
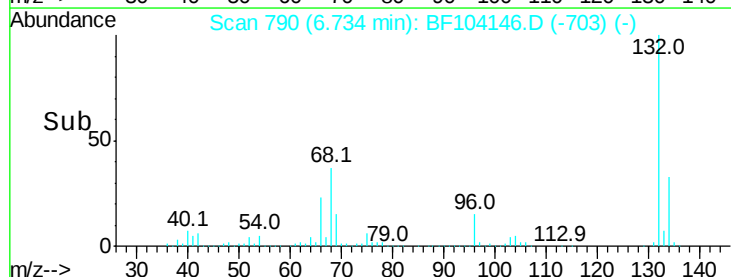
77 100

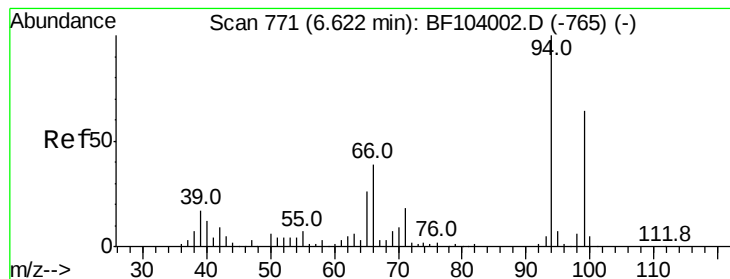
105 83.6 81.1 121.1

106 80.4 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: 7.599 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Instrument :

BNA_F

ClientSampleId :

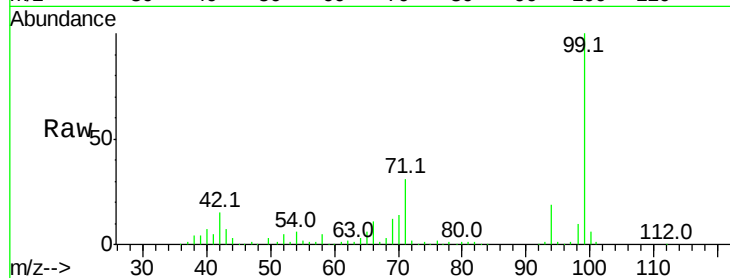
Tot Ion: 94 Resp: 66736

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

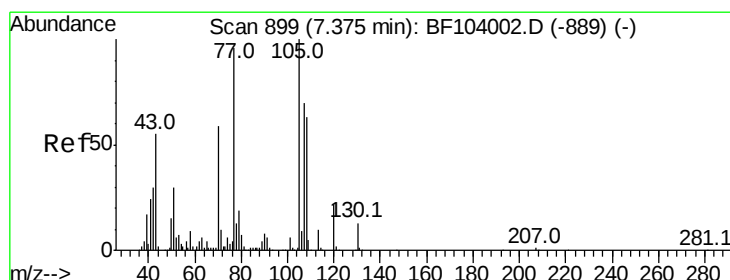
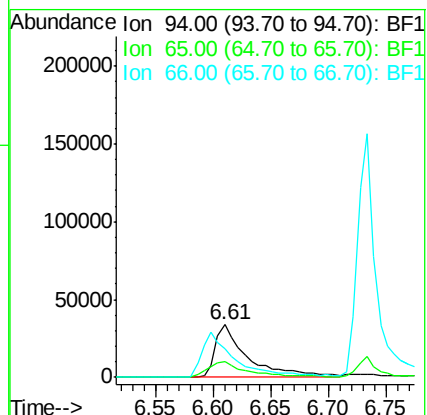
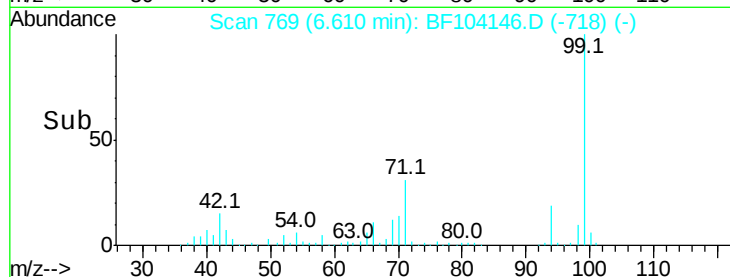
66 55.6 16.2 56.2



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: 14.500 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Tgt Ion: 70 Resp: 68208

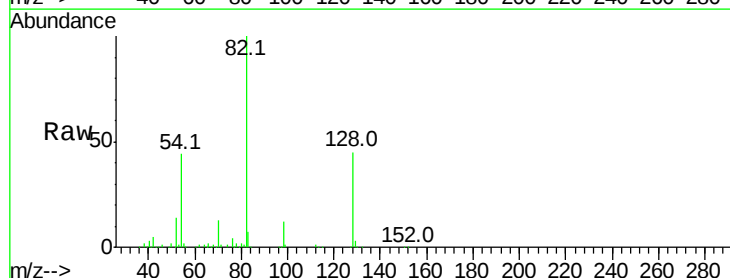
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

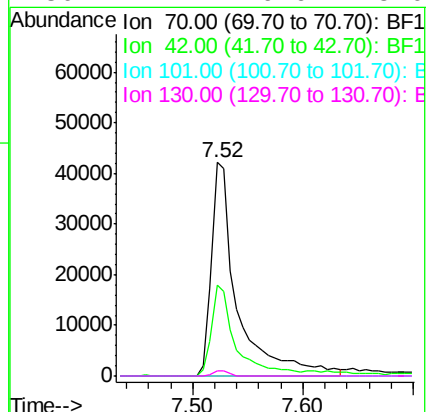
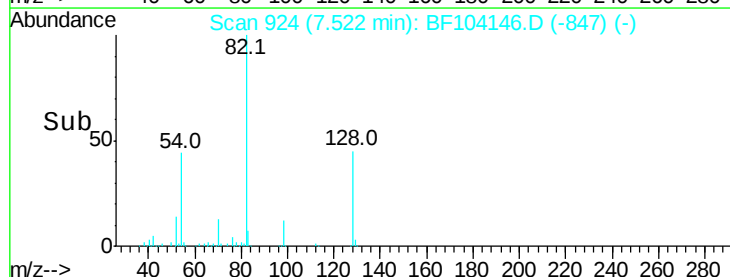


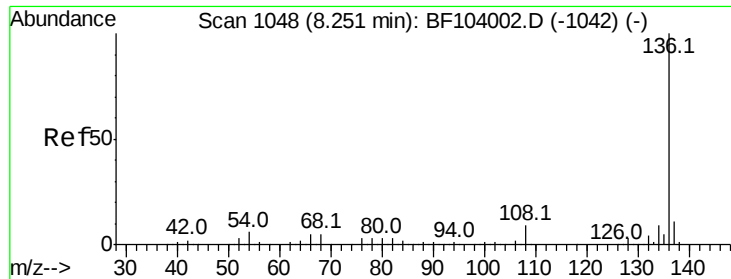
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

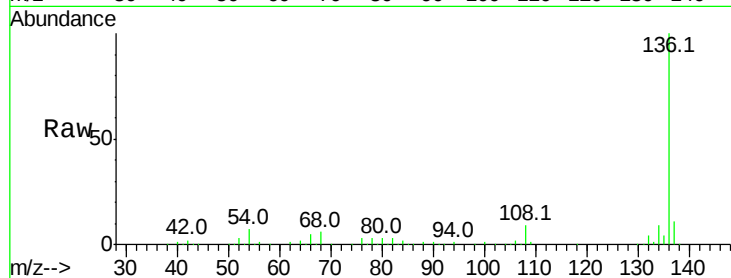




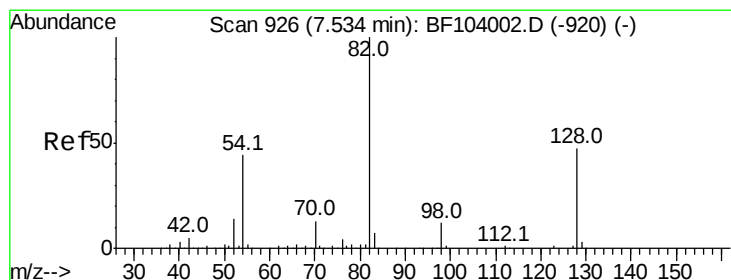
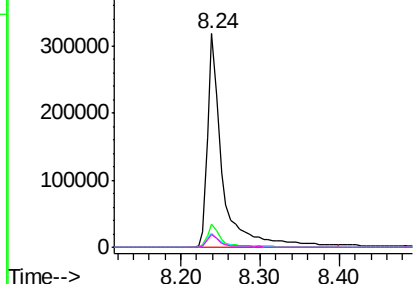
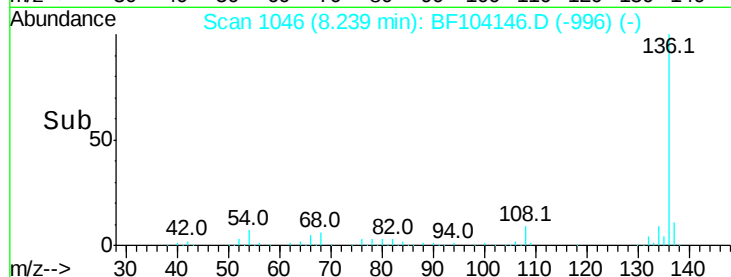
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	423124
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.8	6.6	9.8
68 6.2	5.0	7.4

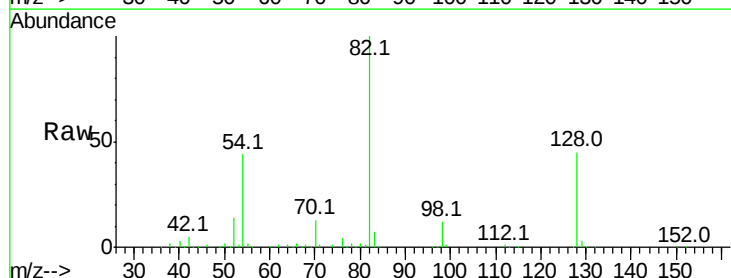


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

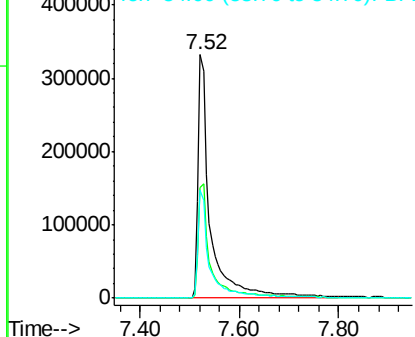
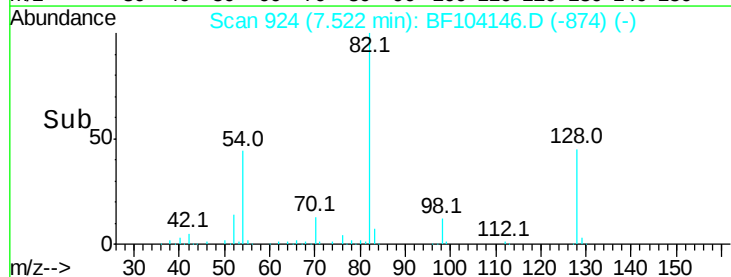


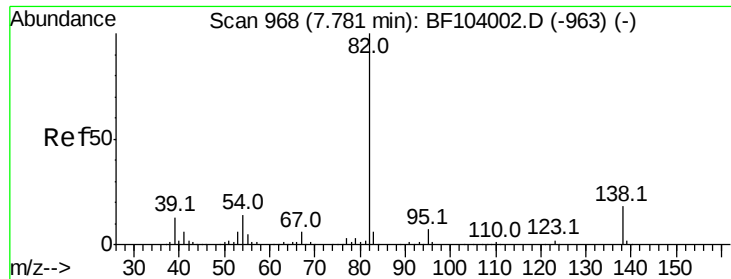
#23
Nitrobenzene-d5
Concen: 82.955 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Tgt Ion: 82	Resp: 573948
Ion Ratio	Lower Upper
82 100	
128 45.3	36.1 54.1
54 44.2	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

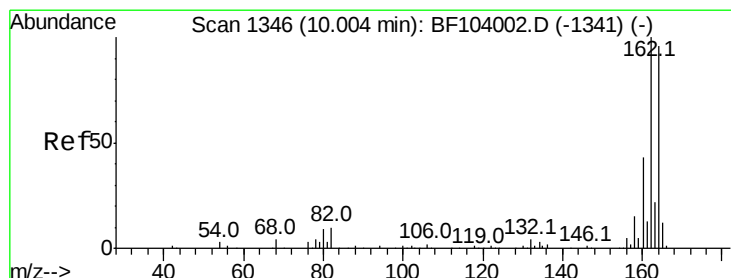
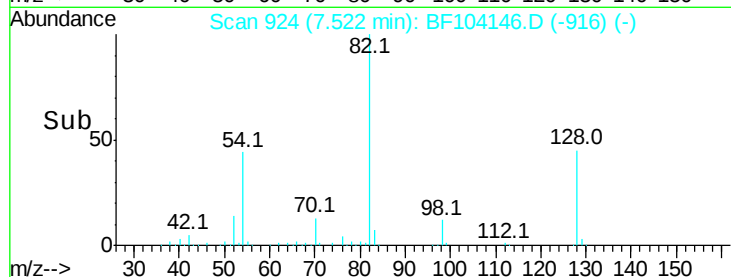
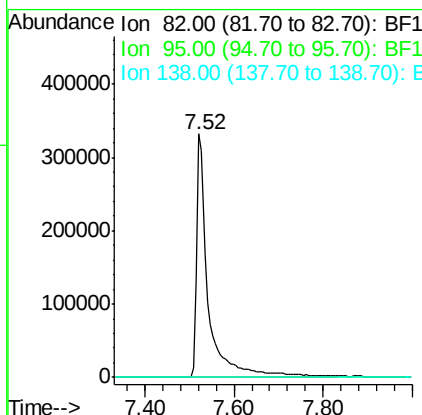
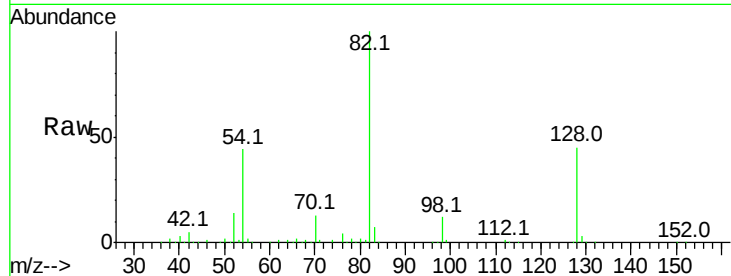




#25
Isophorone
Concen: 45.346 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

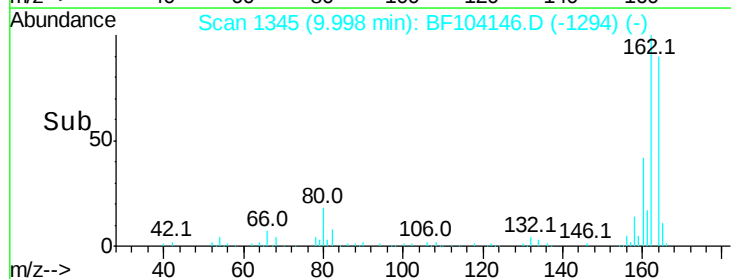
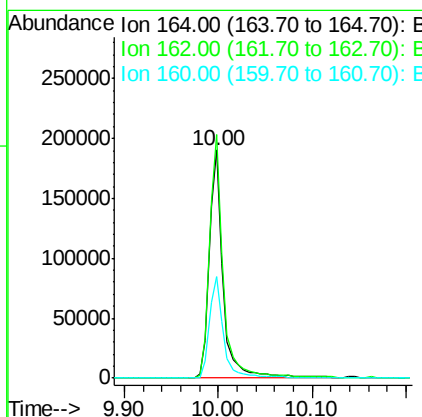
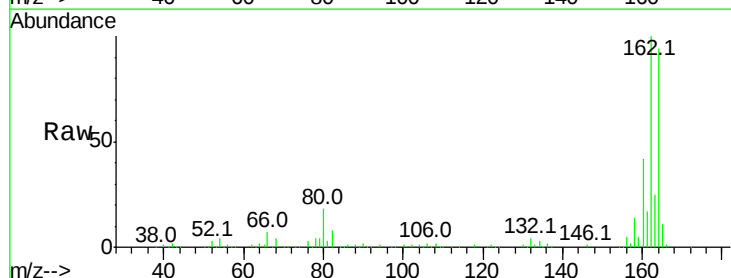
Instrument :
BNA_F
ClientSampleId :

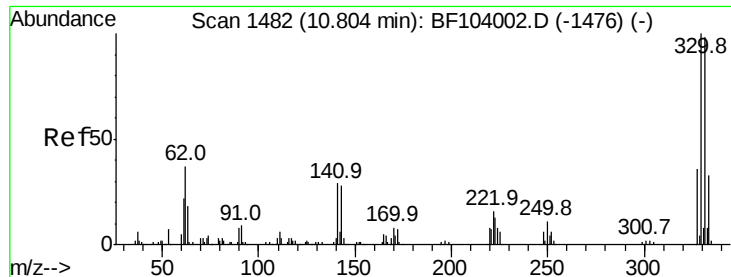
Tot Ion: 82 Resp: 578196
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Tgt Ion:164 Resp: 198098
Ion Ratio Lower Upper
164 100
162 106.8 86.1 129.1
160 44.7 38.3 57.5

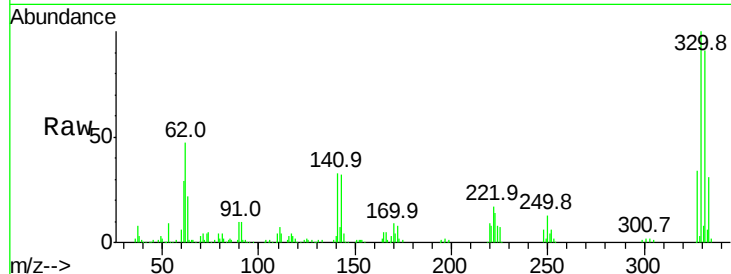




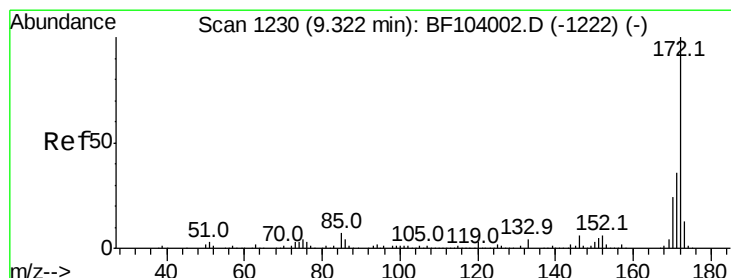
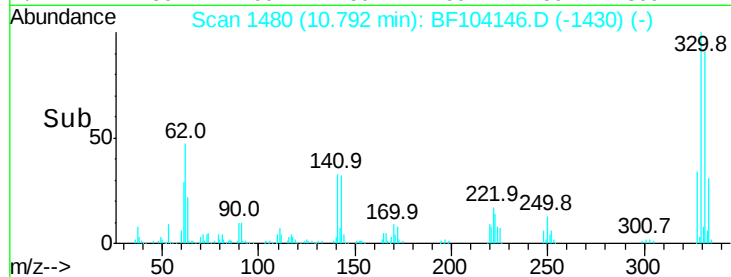
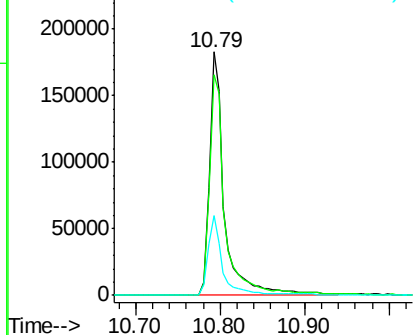
#41
 2,4,6-Tribromophenol
 Concen: 102.970 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.0	29.9	44.9

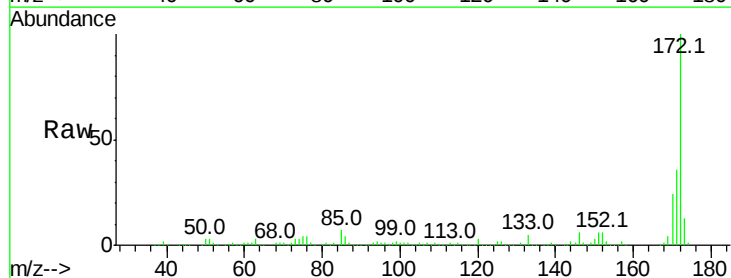


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

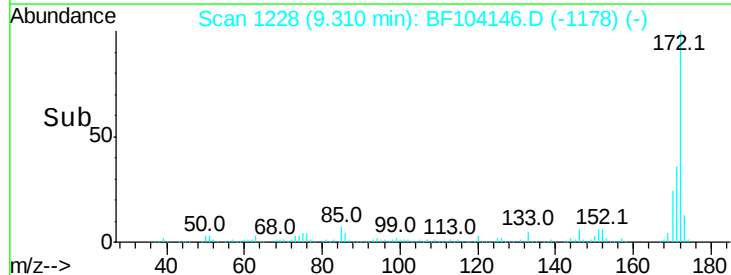
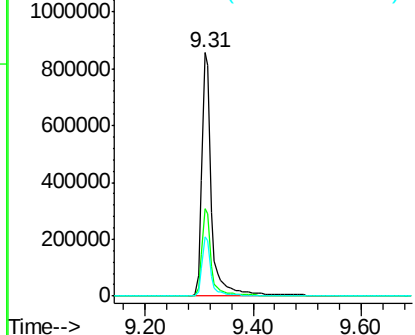


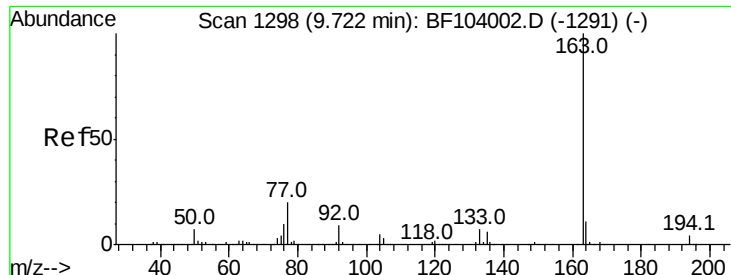
#44
 2-Fluorobiphenyl
 Concen: 86.109 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	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

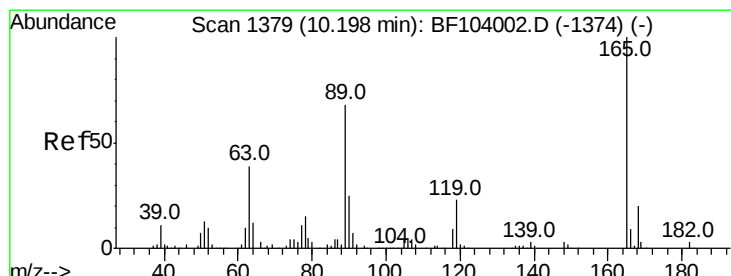
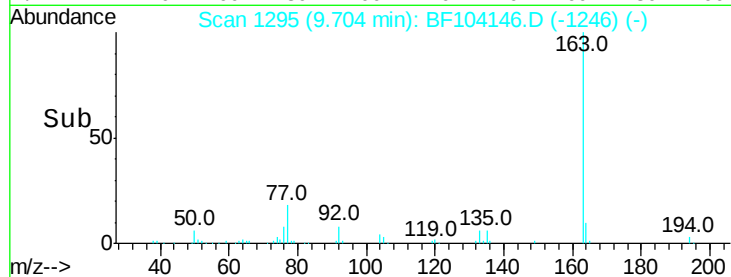
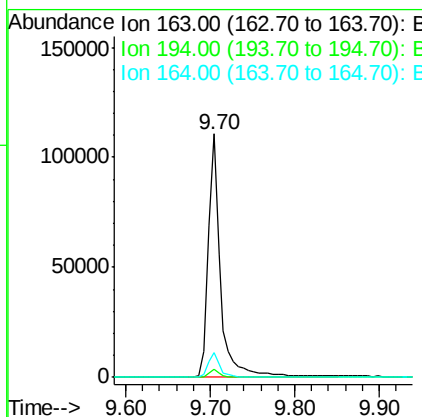
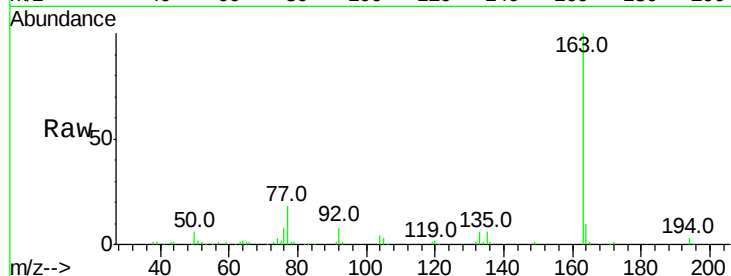




#49
Dimethylphthalate
Concen: 7.240 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

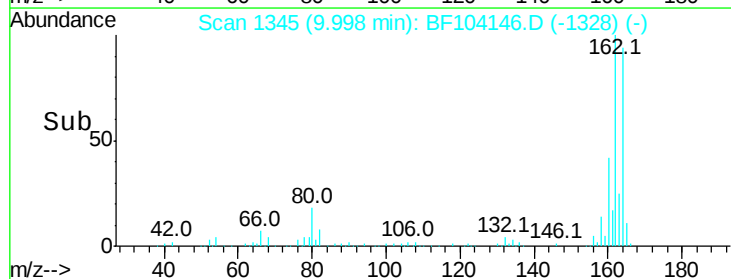
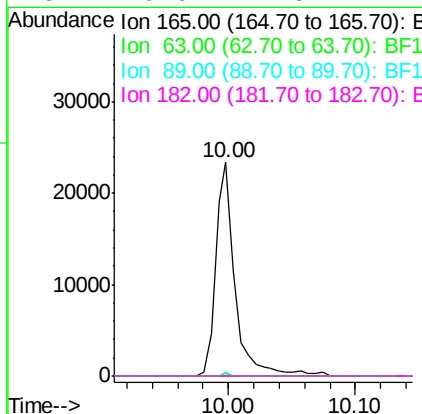
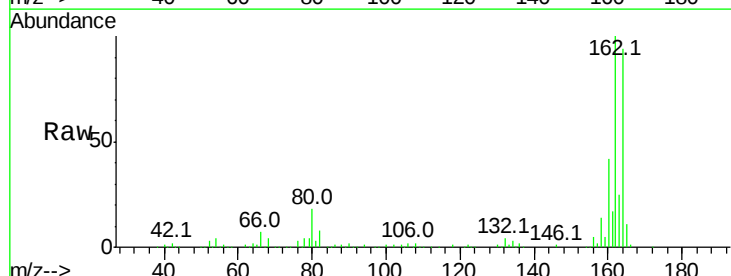
Instrument :
BNA_F
ClientSampleId :

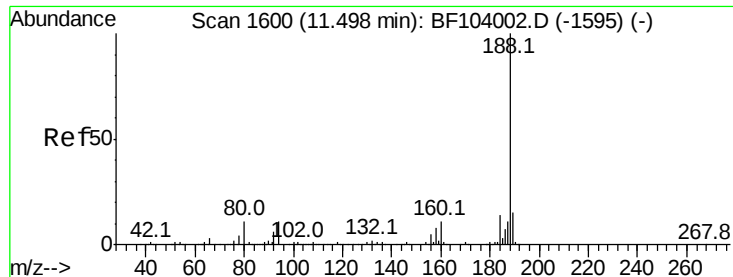
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 5.818 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.20 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

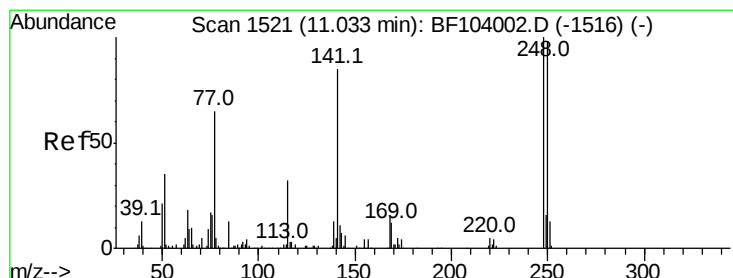
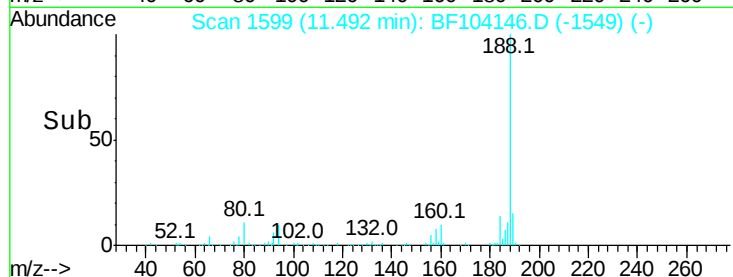
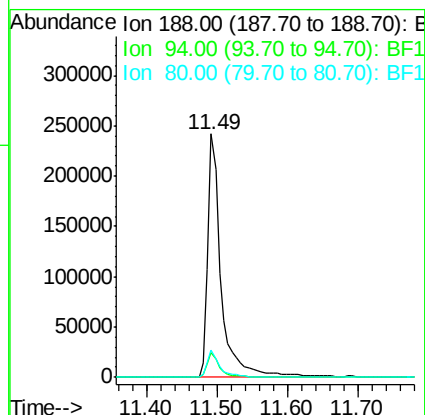
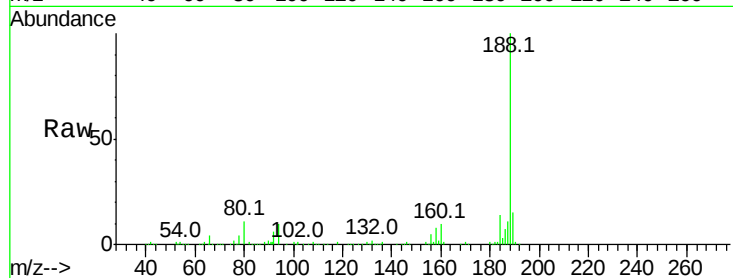




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

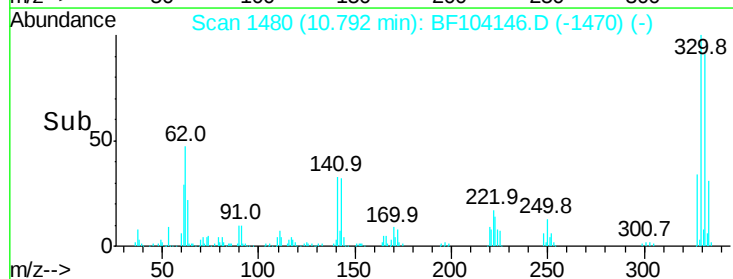
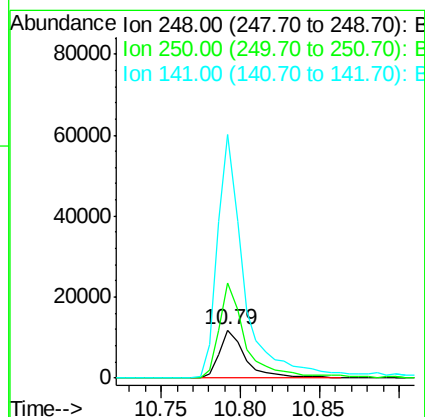
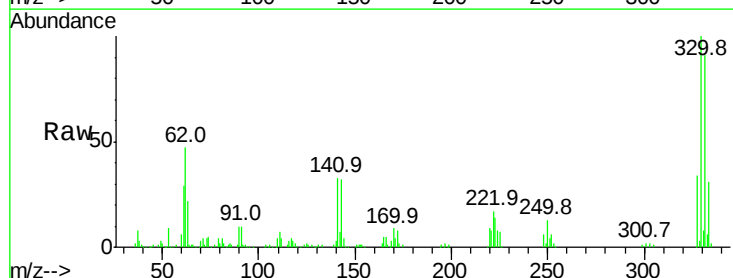
Instrument :
 BNA_F
 ClientSampleId :

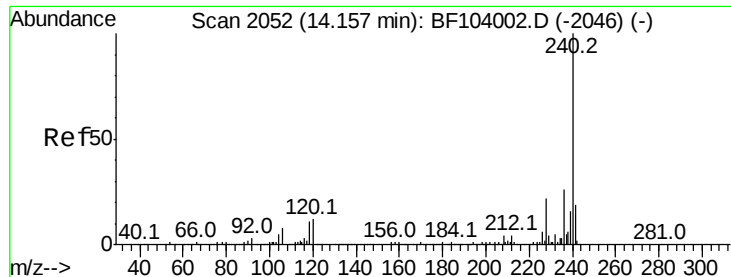
Tot Ion:188 Resp: 321427
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.4 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.973 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.24 min
 Lab File: BF104146.D
 Acq: 2 Apr 2018 20:04

Tgt Ion:248 Resp: 13662
 Ion Ratio Lower Upper
 248 100
 250 197.5 76.9 115.3#
 141 507.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

Instrument :

BNA_F

ClientSampleId :

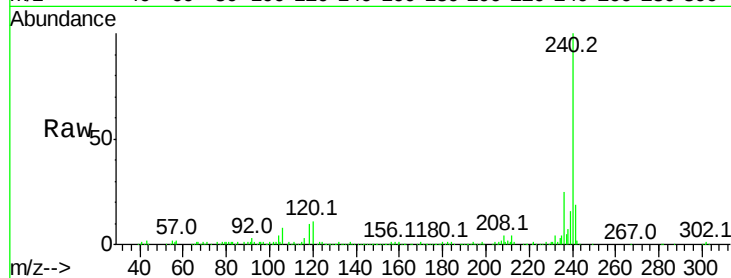
Tot Ion:240 Resp: 223085

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

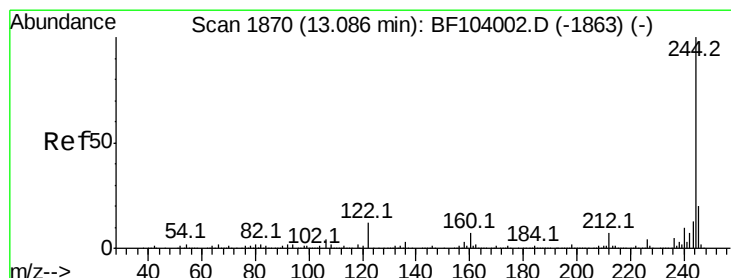
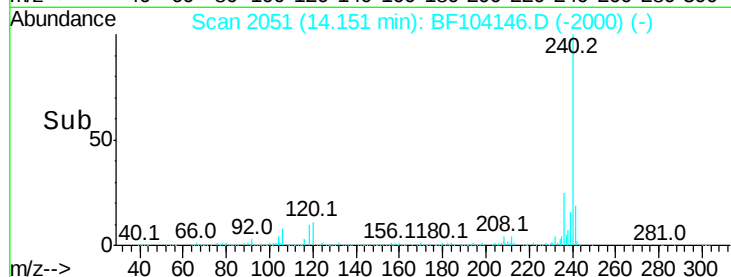
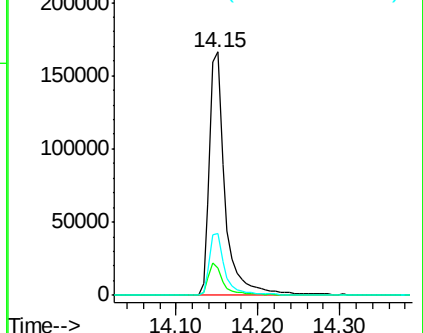
236 25.4 20.7 31.1



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: 81.809 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104146.D

Acq: 2 Apr 2018 20:04

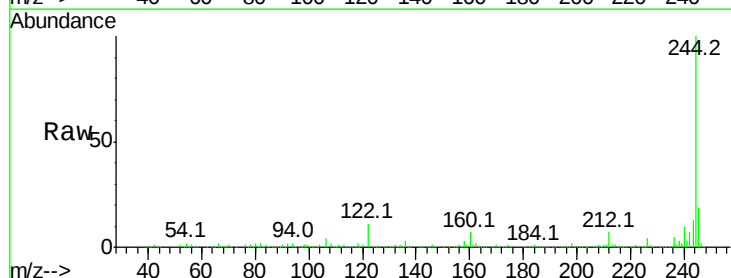
Tgt Ion:244 Resp: 790413

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

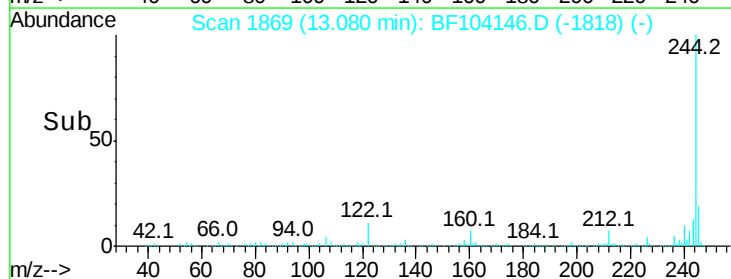
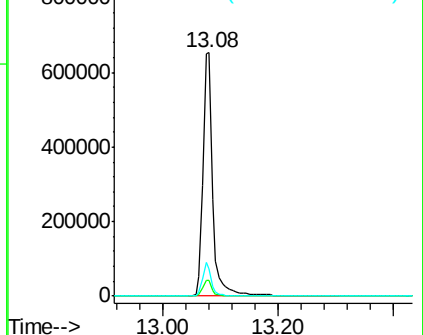
122 11.5 11.0 16.4

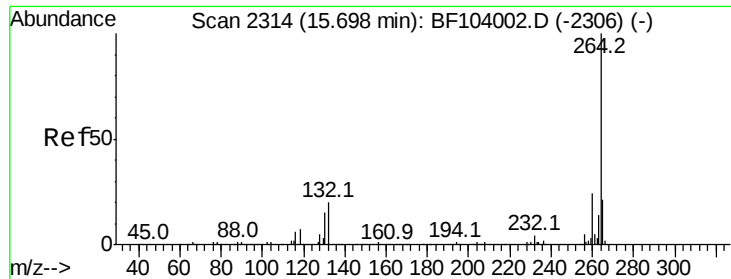


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

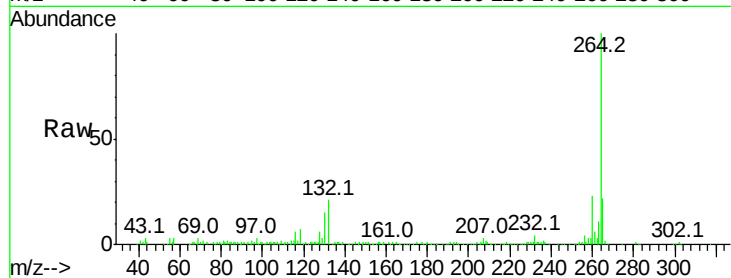




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104146.D
Acq: 2 Apr 2018 20:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	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

