

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100963.D
 Acq On : 29 Nov 2017 5:18
 Operator : SJ/JU
 Sample : I6603-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 06:22:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

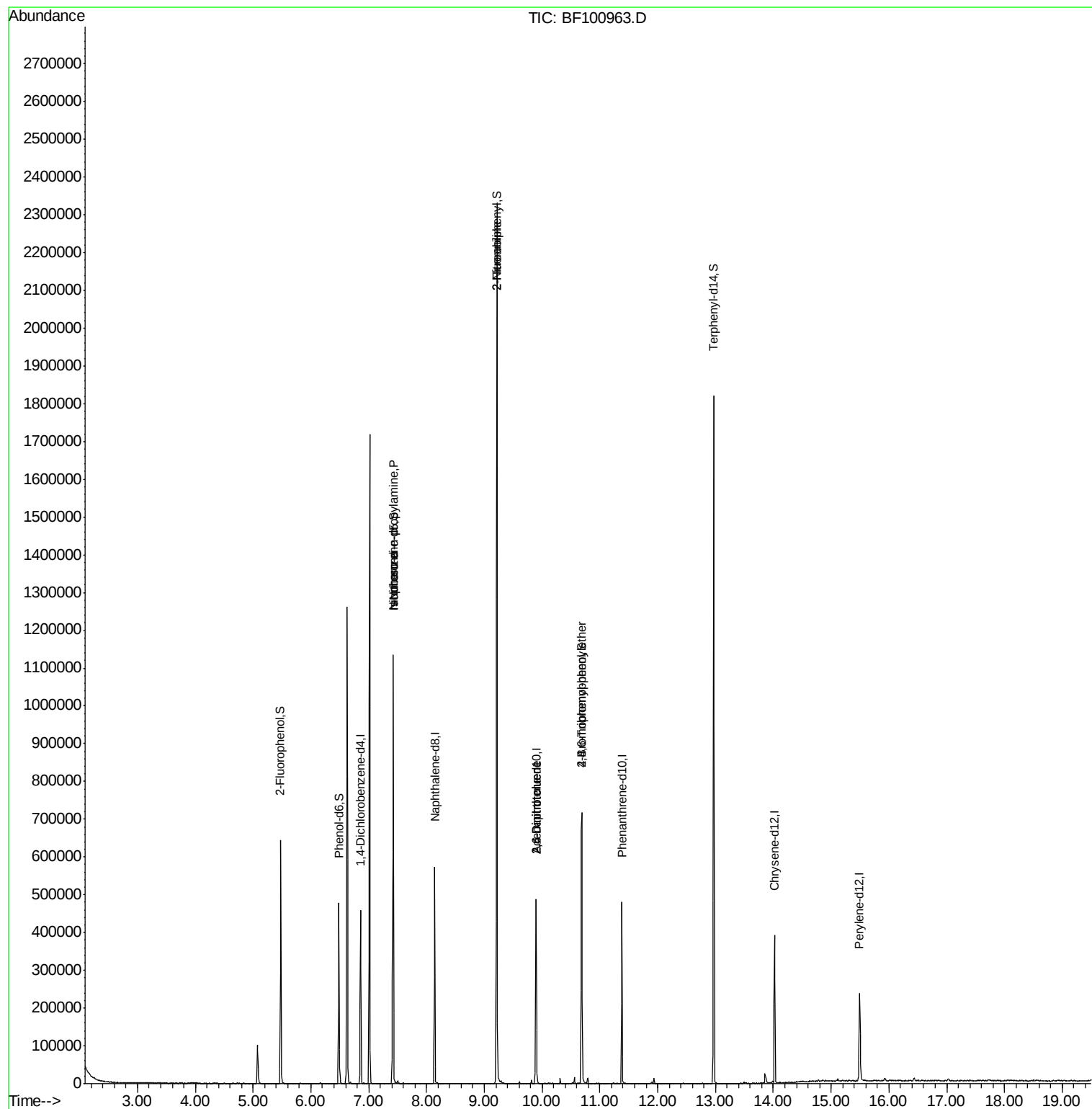
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63566	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	237525	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	103515	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	174753	20.00	ng	0.00
75) Chrysene-d12	14.02	240	138031	20.00	ng	0.00
86) Perylene-d12	15.49	264	119674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	172914	43.60	ng	0.00
7) Phenol-d6	6.48	99	143104	29.26	ng	-0.01
23) Nitrobenzene-d5	7.43	82	397461	110.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	98376	93.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	794962	116.94	ng	0.00
78) Terphenyl-d14	12.97	244	570776	95.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	52620	15.517	ng	# 79
25) Isophorone	7.43	82	397457	52.645	ng	# 64
47) 2-Nitroaniline	9.22	65	1111	3.329	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	12882	8.234	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	12882	6.527	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	5989	3.197	ng	# 1

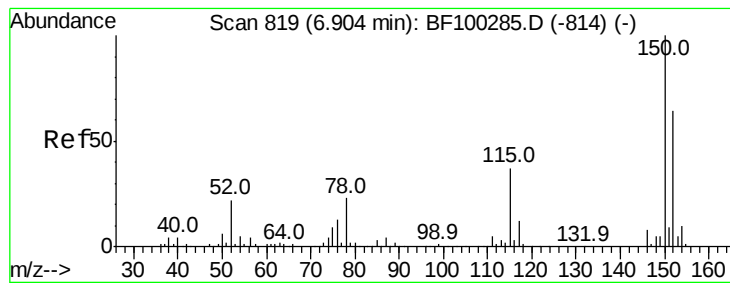
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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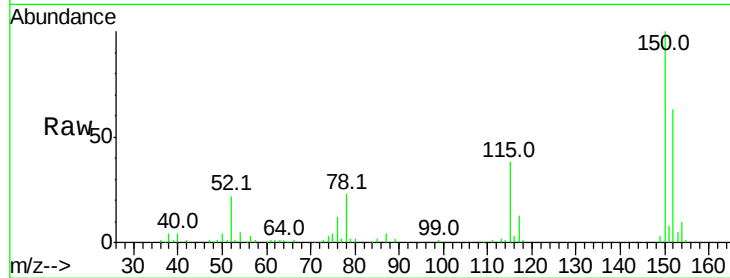


#1

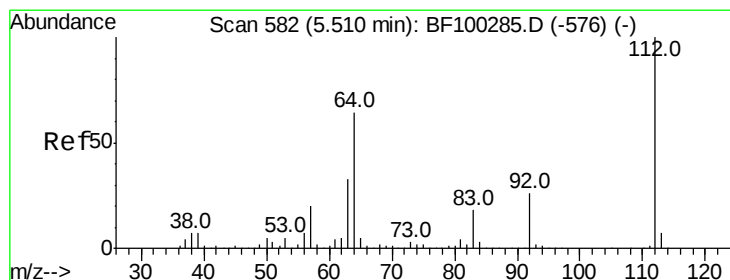
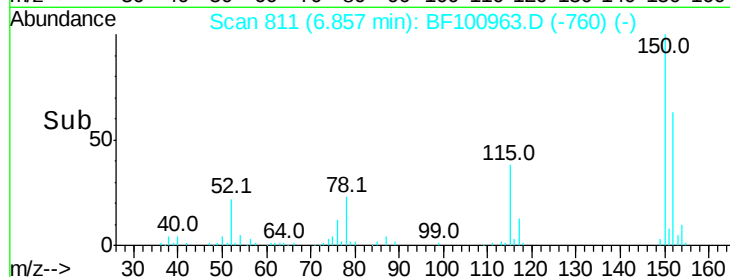
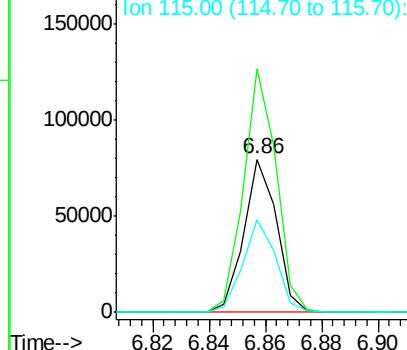
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63566
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.6 50.1 75.1



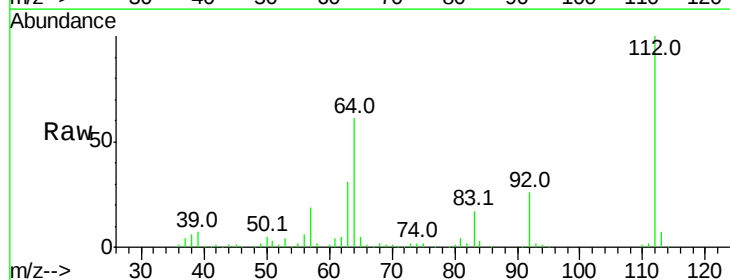
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



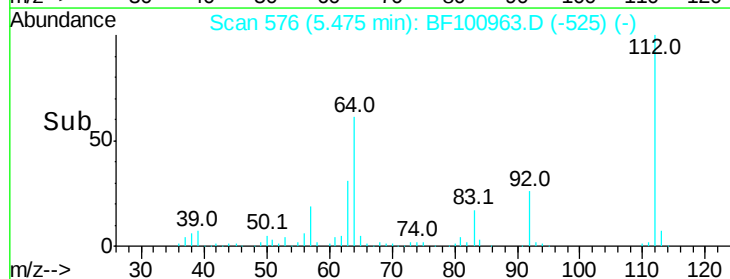
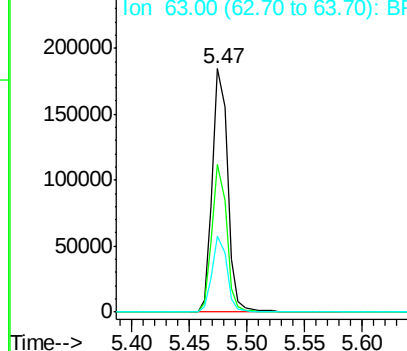
#5

2-Fluorophenol
Concen: 43.605 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:112 Resp: 172914
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.3 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: 29.265 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Instrument :

BNA_F

ClientSampleId :

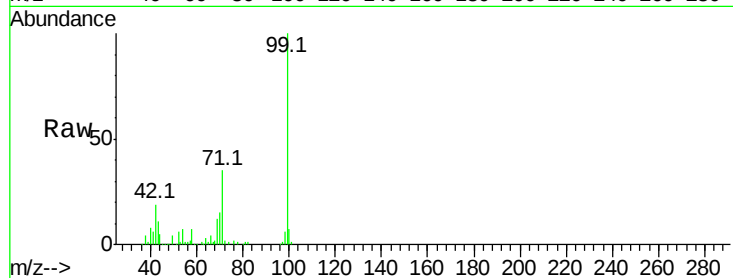
Tot Ion: 99 Resp: 143104

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 35.2 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

200000

150000

100000

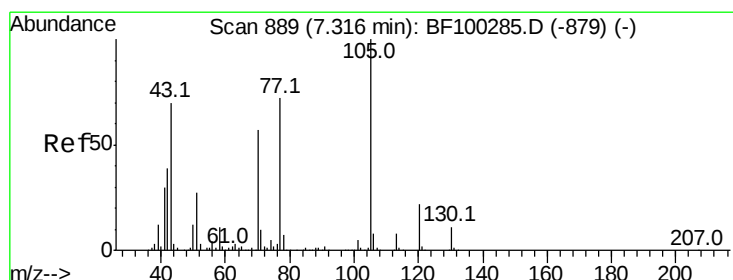
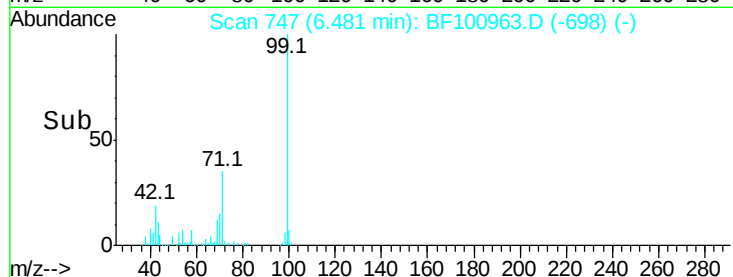
50000

0

6.48

6.45 6.50 6.55

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 15.517 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Tgt Ion: 70 Resp: 52620

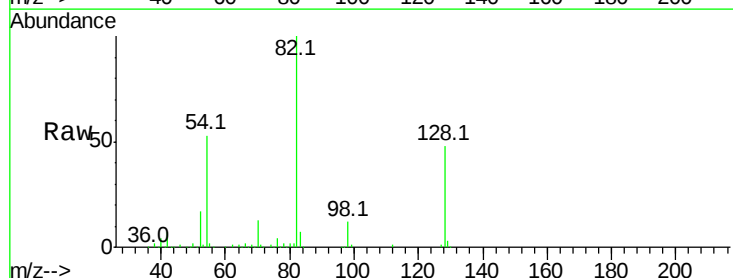
Ion Ratio Lower Upper

70 100

42 49.6 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

80000

60000

40000

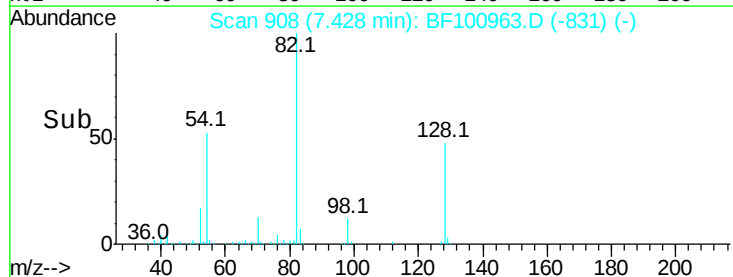
20000

0

7.43

7.35 7.40 7.45

Time-->

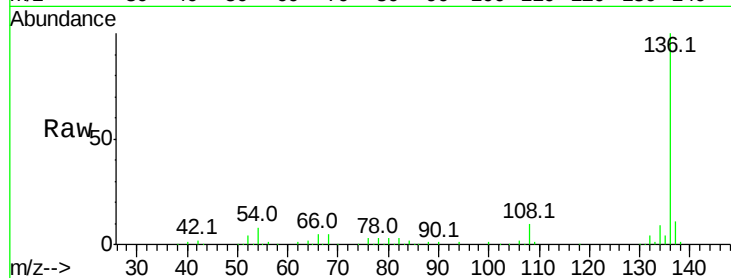




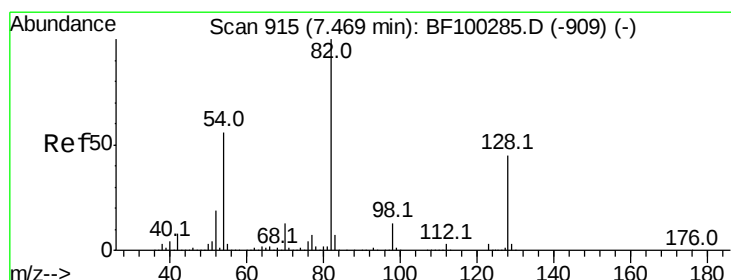
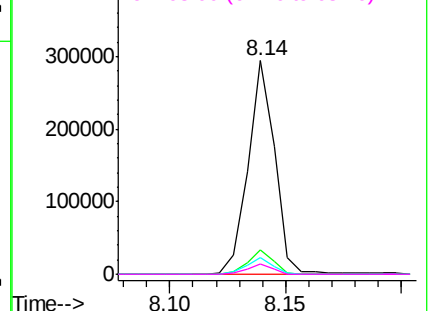
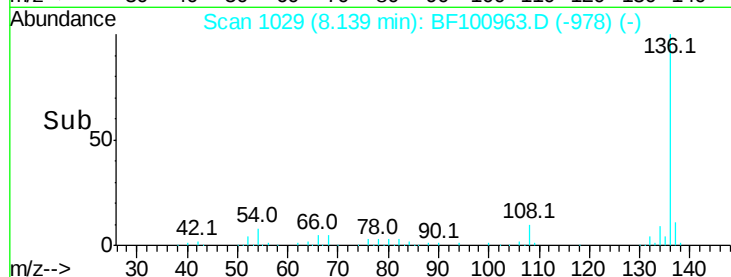
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	237525
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	6.6	9.8
68	5.1	5.0	7.4

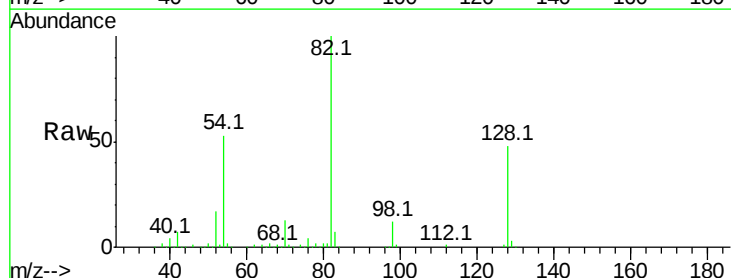


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

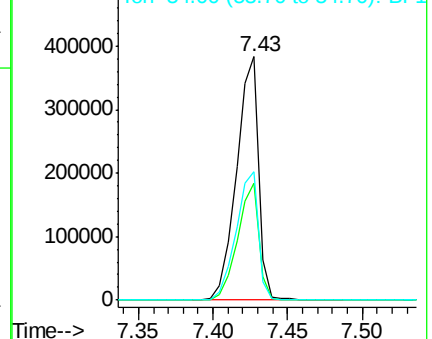
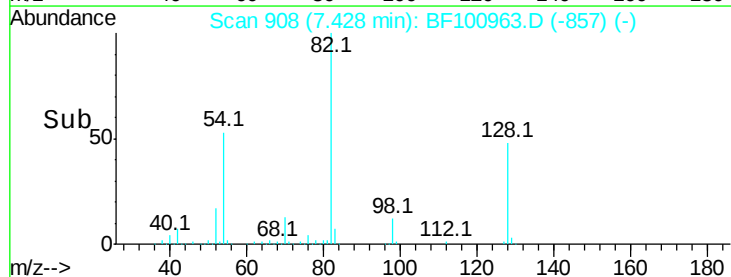


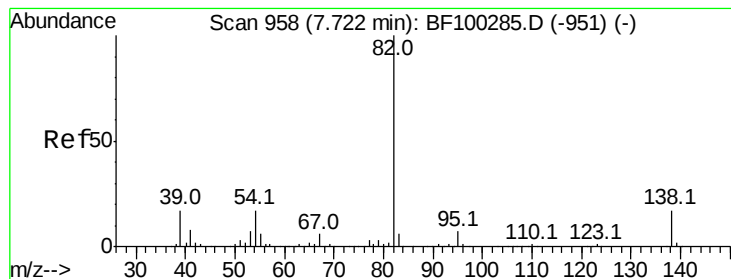
#23
Nitrobenzene-d5
Concen: 110.630 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:	82	Resp:	397461
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	52.7	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: 52.645 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Instrument :

BNA_F

ClientSampled :

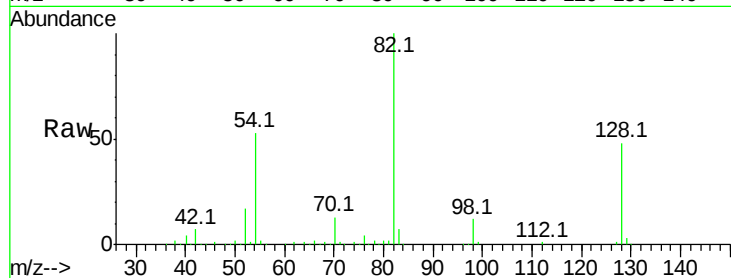
Tot Ion: 82 Resp: 397457

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

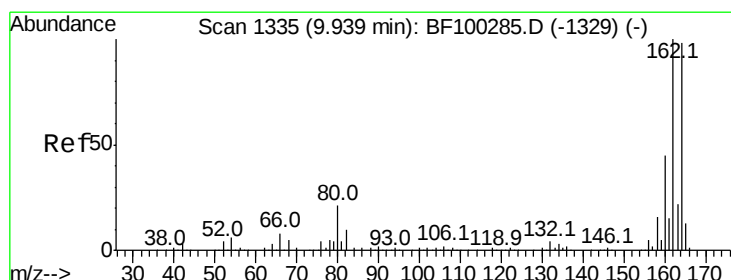
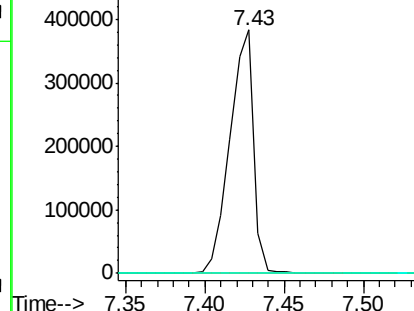
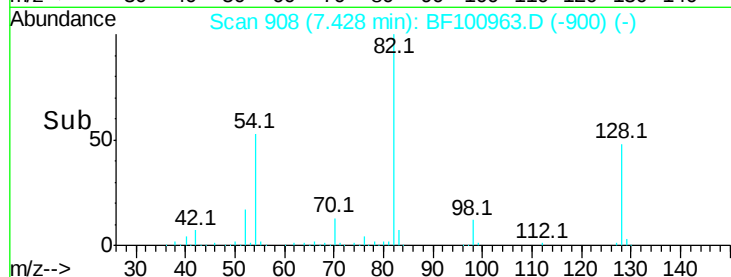
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

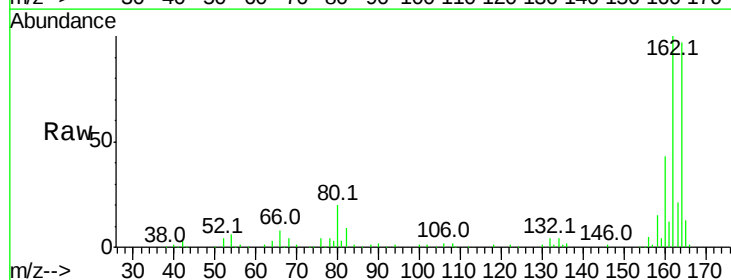
Tgt Ion:164 Resp: 103515

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

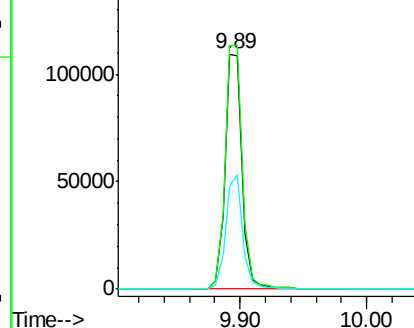
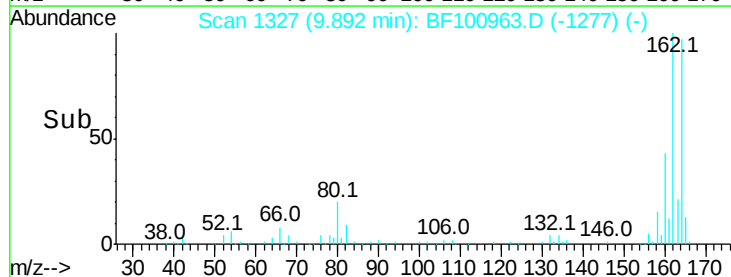
160 44.0 38.3 57.5



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

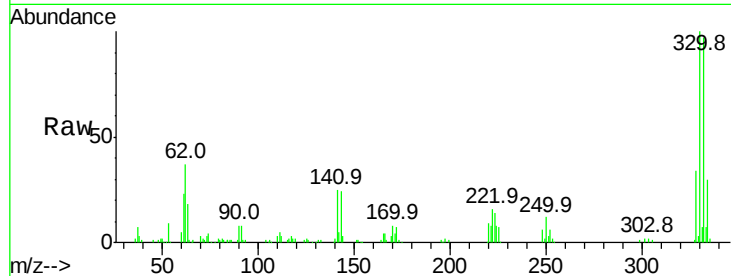




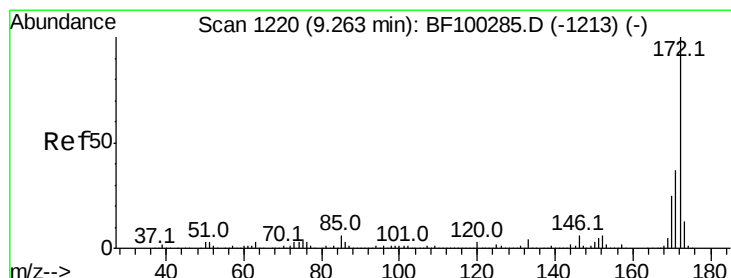
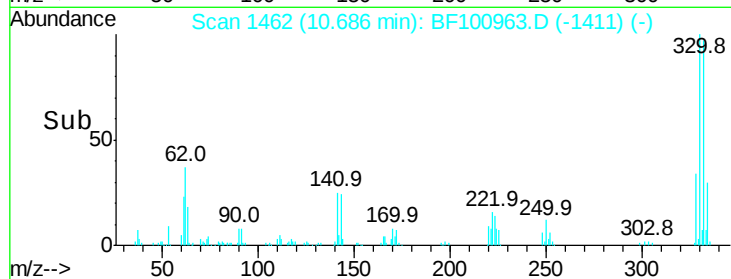
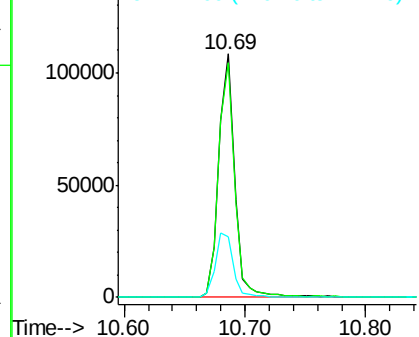
#41
 2,4,6-Tribromophenol
 Concen: 93.263 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.2	29.9	44.9#

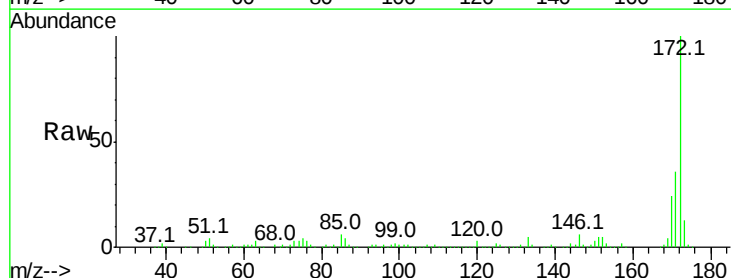


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

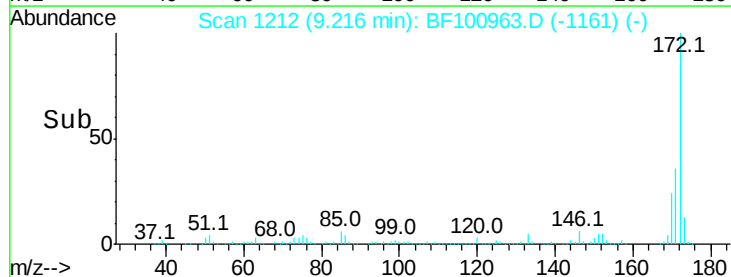
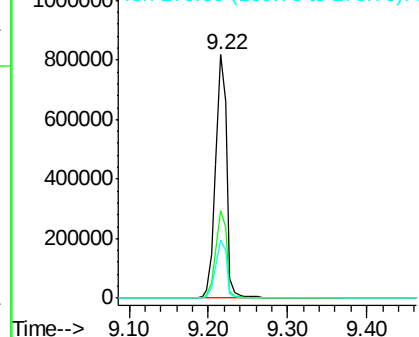


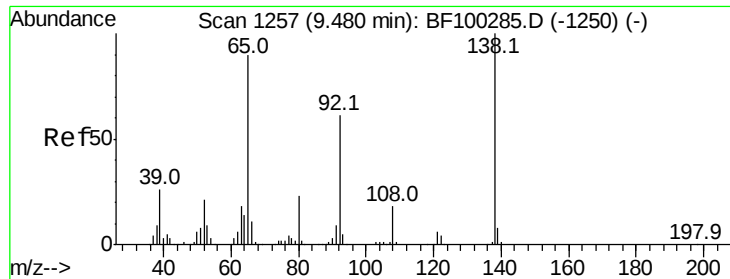
#44
 2-Fluorobiphenyl
 Concen: 116.939 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	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





#47

2-Nitroaniline

Concen: 3.329 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.22 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

Instrument :

BNA_F

ClientSampleId :

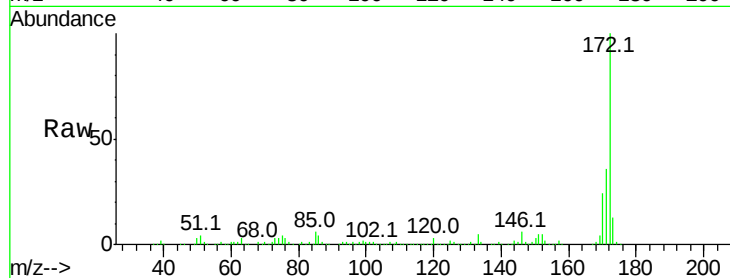
Tot Ion: 65 Resp: 1111

Ion Ratio Lower Upper

65 100

92 195.9 55.8 83.6#

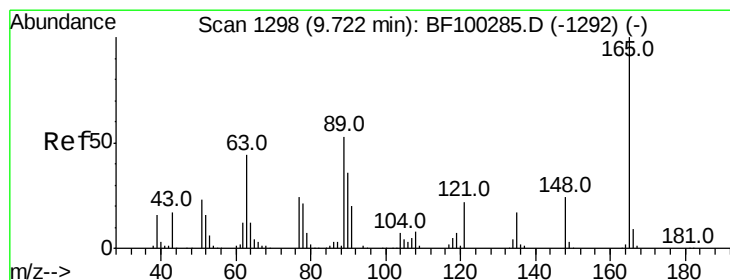
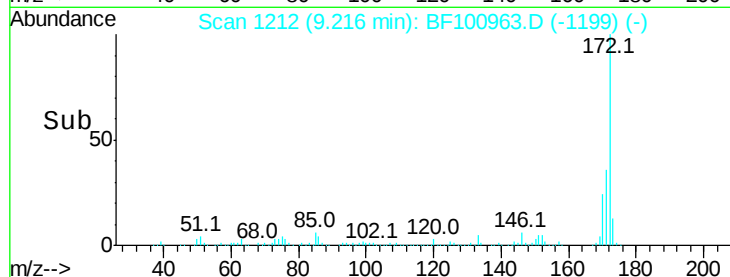
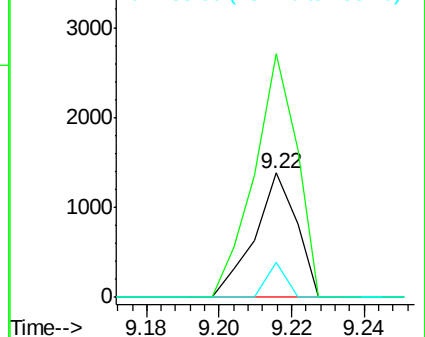
138 28.3 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 8.234 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF100963.D

Acq: 29 Nov 2017 5:18

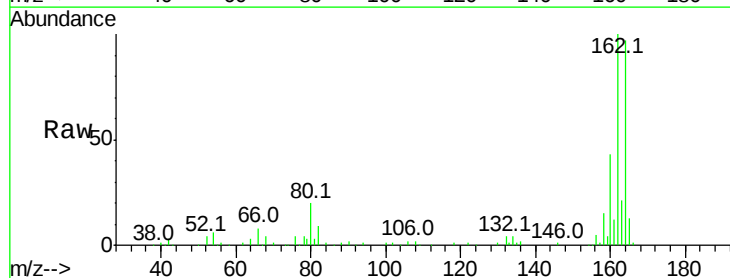
Tgt Ion:165 Resp: 12882

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

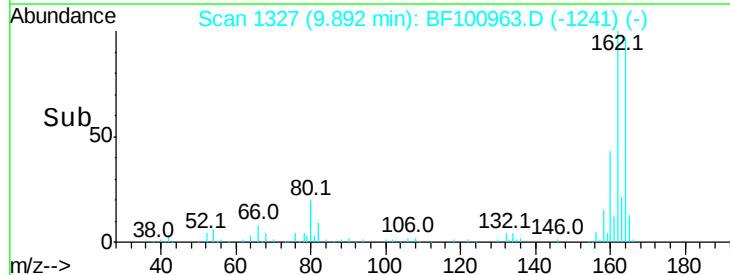
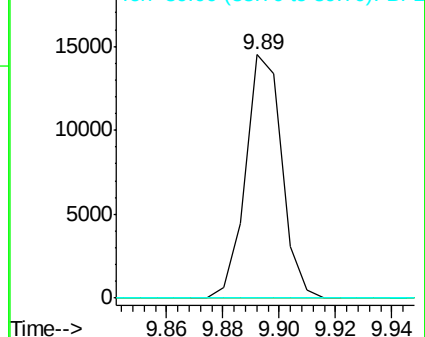
89 0.0 44.0 66.0#

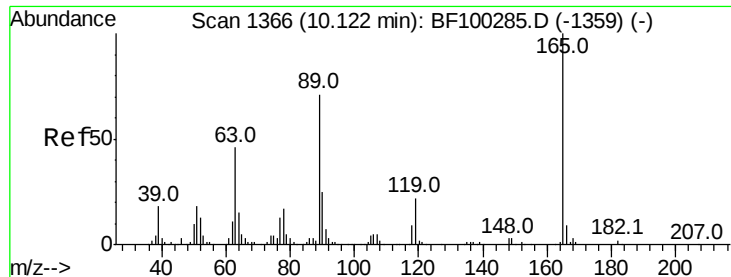


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

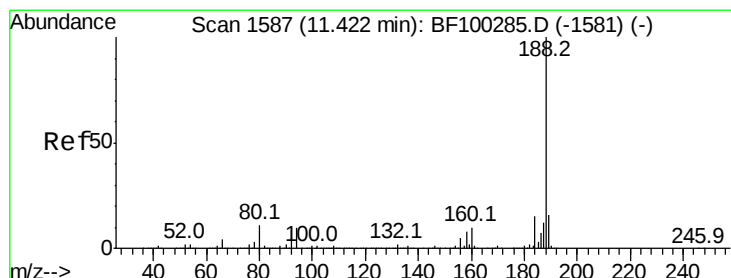
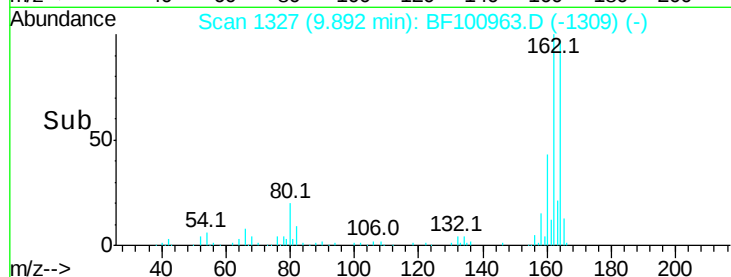
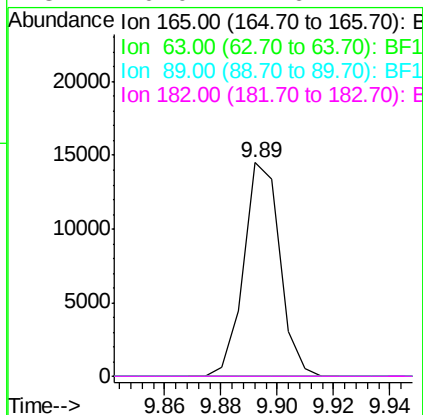
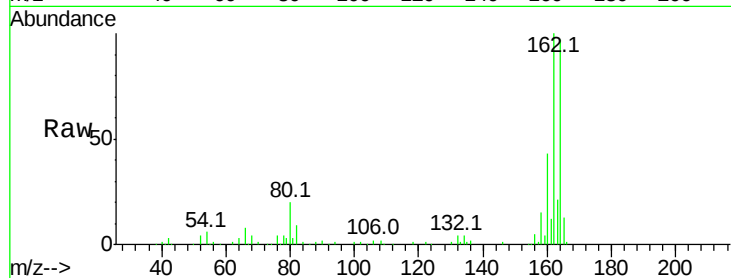




#56
 2,4-Dinitrotoluene
 Concen: 6.527 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

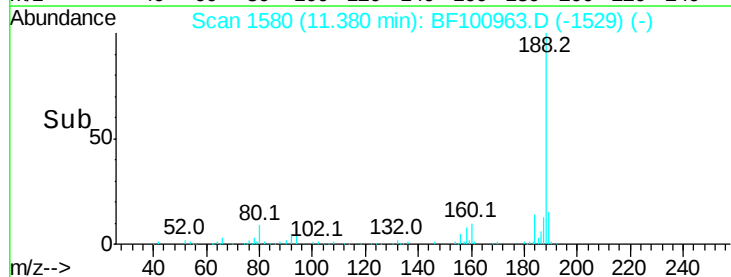
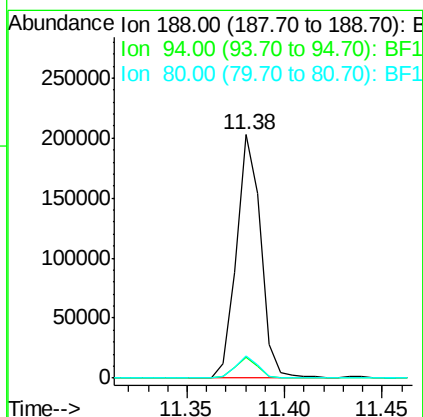
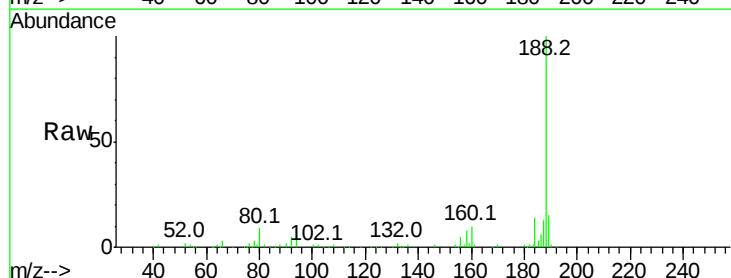
Instrument :
 BNA_F
 ClientSampleId :

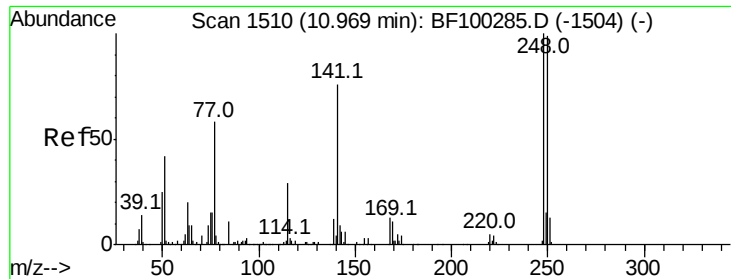
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.3	9.2	13.8

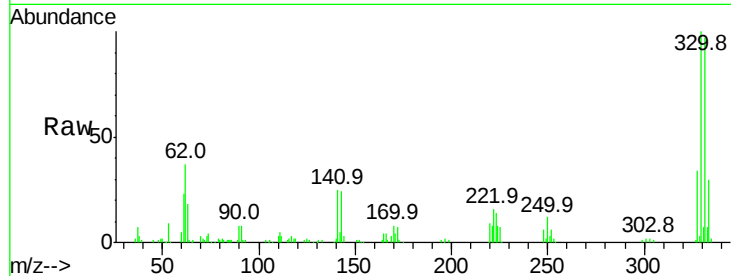




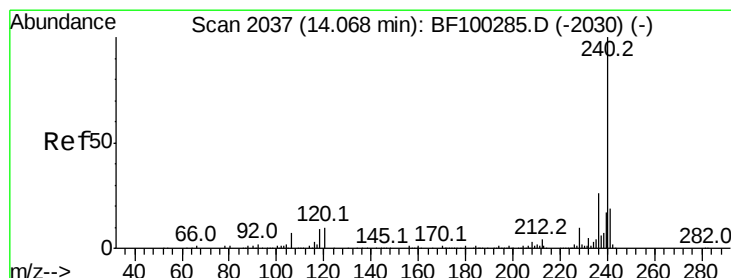
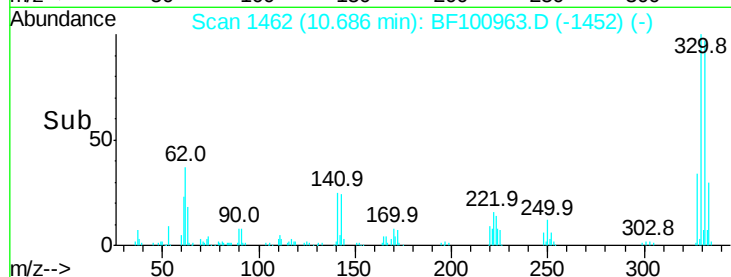
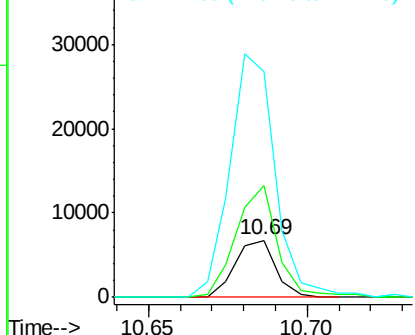
#66
4-Bromophenyl-phenylether
Concen: 3.197 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5989
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 397.2 74.4 111.6#

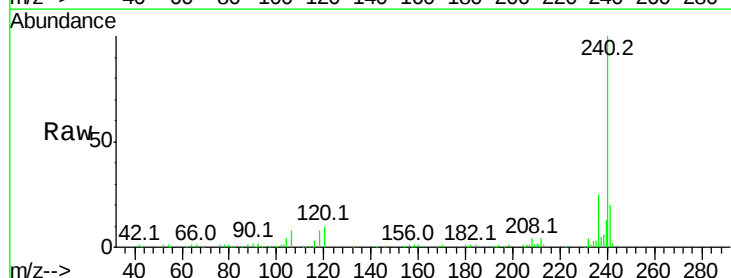


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

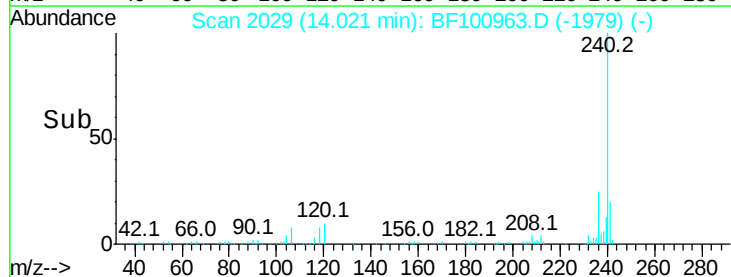
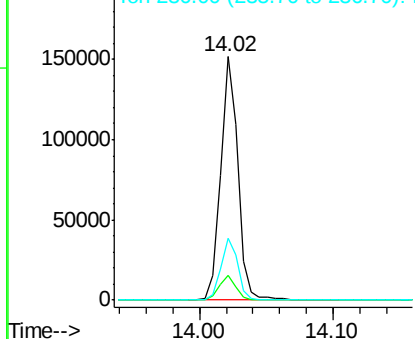


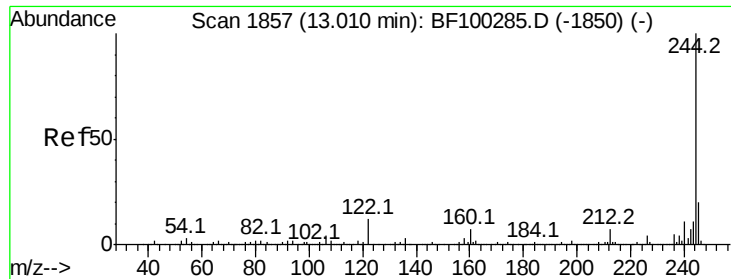
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100963.D
Acq: 29 Nov 2017 5:18

Tgt Ion:240 Resp: 138031
Ion Ratio Lower Upper
240 100
120 10.4 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

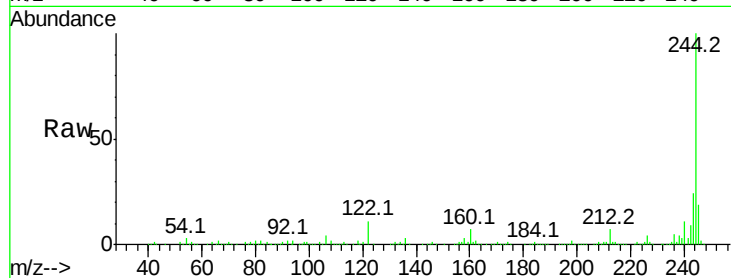




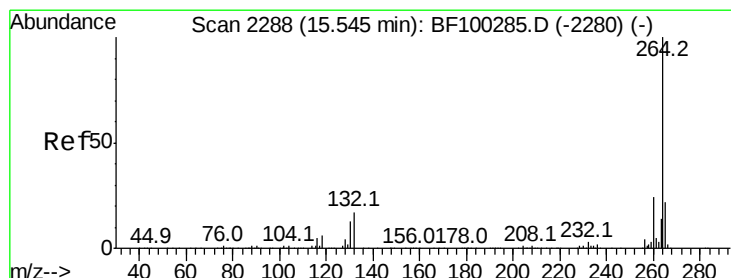
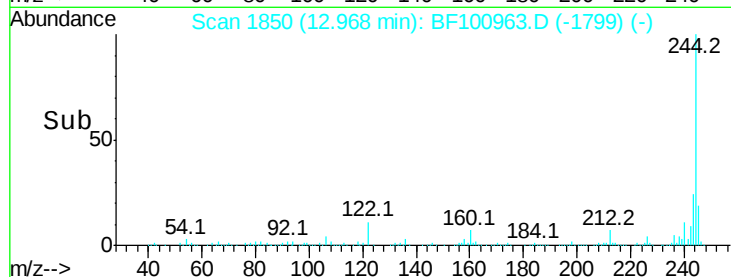
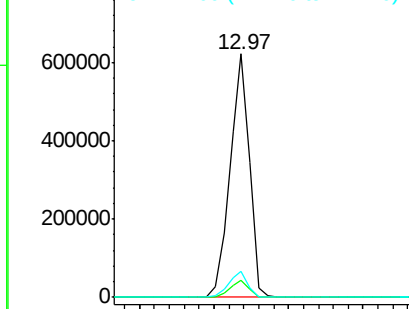
#78
 Terphenyl-d14
 Concen: 95.013 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 570776
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.8 11.0 16.4#

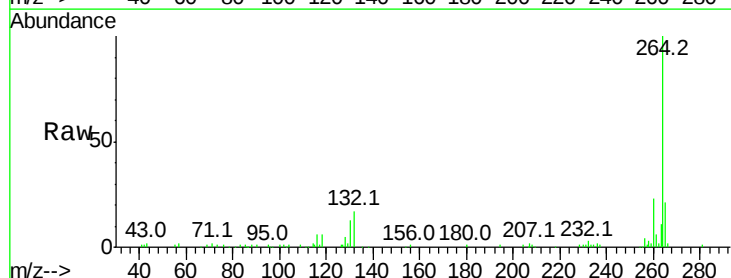


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BF100963.D
 Acq: 29 Nov 2017 5:18

Tgt Ion:264 Resp: 119674
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.8 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

