

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100966.D
 Acq On : 29 Nov 2017 6:38
 Operator : SJ/JU
 Sample : I6603-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 09:45:30 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

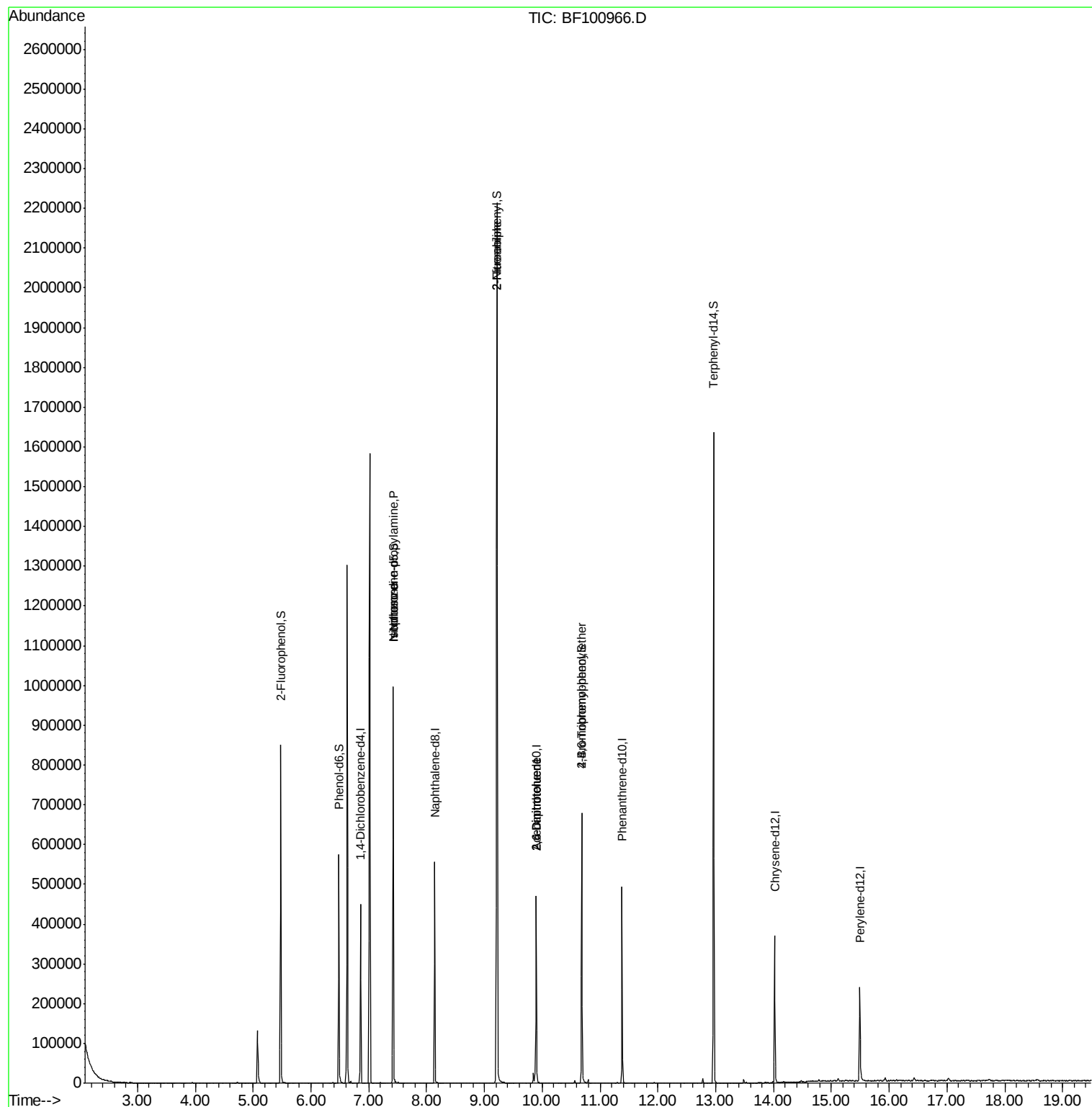
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62734	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	231337	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	102707	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	175404	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129876	20.00	ng	0.00
86) Perylene-d12	15.49	264	117799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	218353	55.79	ng	0.00
7) Phenol-d6	6.48	99	172653	35.78	ng	-0.01
23) Nitrobenzene-d5	7.42	82	356891	102.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	97858	93.50	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	727099	107.80	ng	0.00
78) Terphenyl-d14	12.97	244	531917	94.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	47033	14.053	ng	# 79
25) Isophorone	7.42	82	356941	48.543	ng	# 64
47) 2-Nitroaniline	9.22	65	907	3.233	ng	# 1
50) 2,6-Dinitrotoluene	9.89	165	13045	8.404	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	13045	6.662	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	6015	3.199	ng	# 1

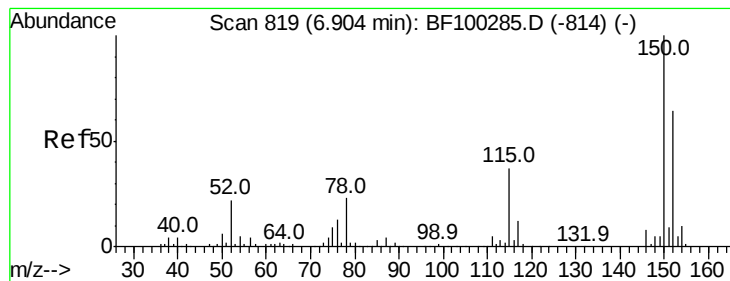
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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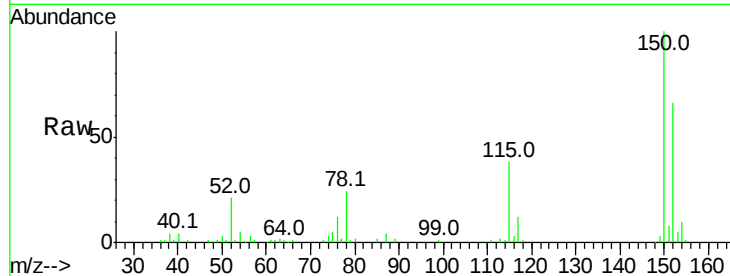


#1

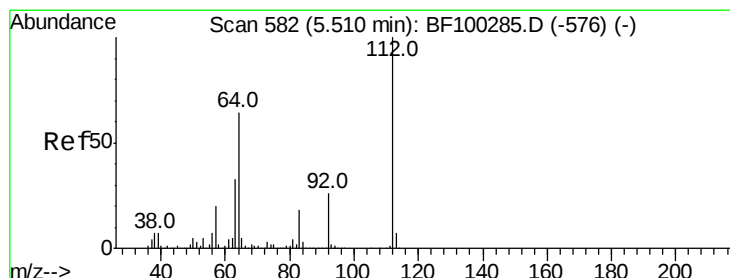
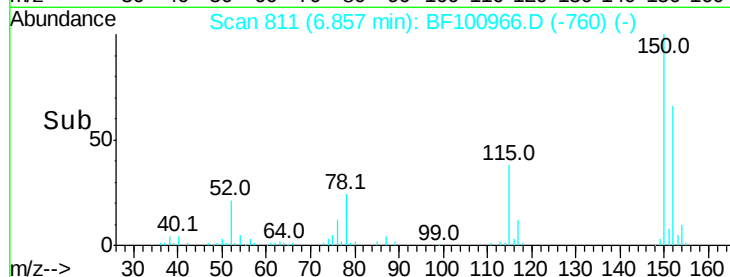
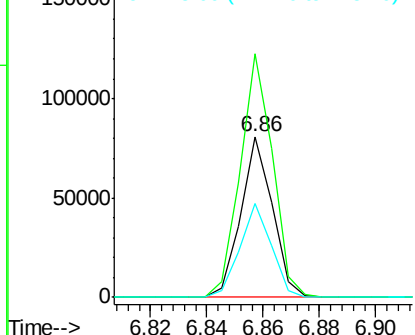
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 62734
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.6 186.8
 115 58.0 50.1 75.1



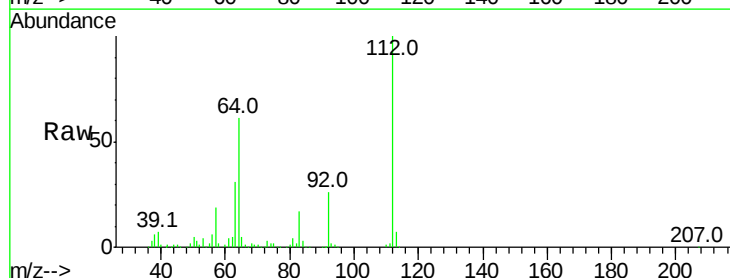
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



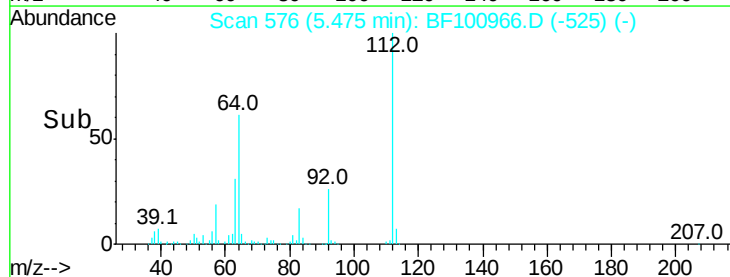
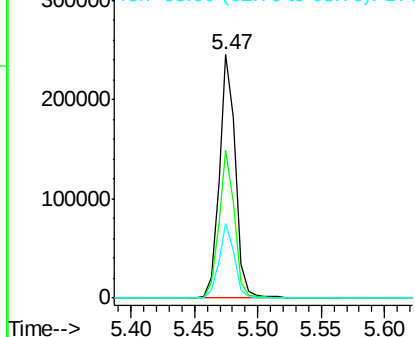
#5

2-Fluorophenol
 Concen: 55.794 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Tgt Ion:112 Resp: 218353
 Ion Ratio Lower Upper
 112 100
 64 60.6 47.9 71.9
 63 30.9 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: 35.776 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

Instrument :

BNA_F

ClientSampled :

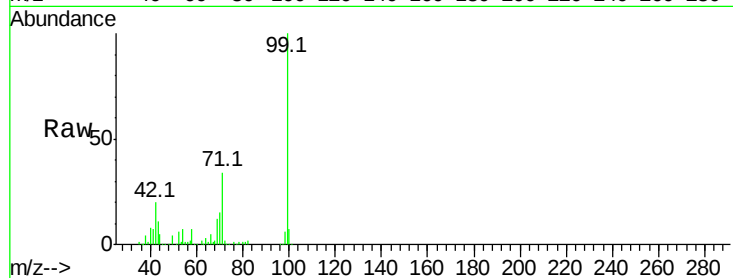
Tot Ion: 99 Resp: 172653

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

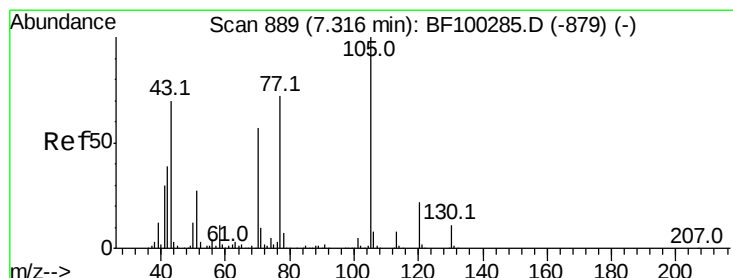
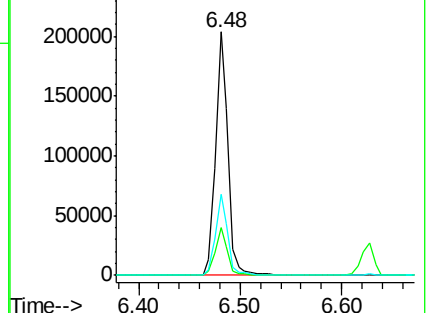
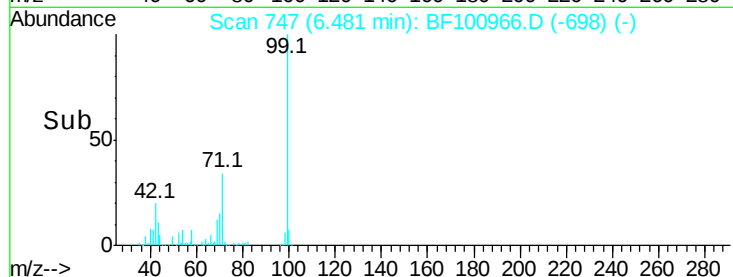
71 33.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.053 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

Tgt Ion: 70 Resp: 47033

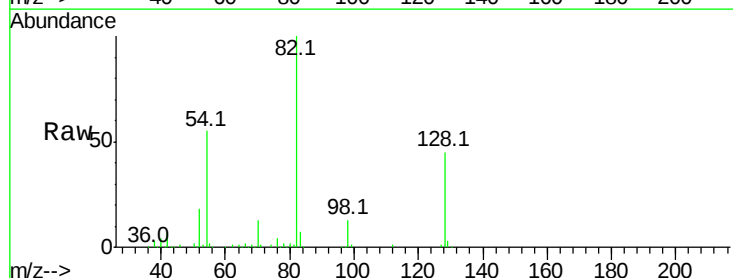
Ion Ratio Lower Upper

70 100

42 49.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

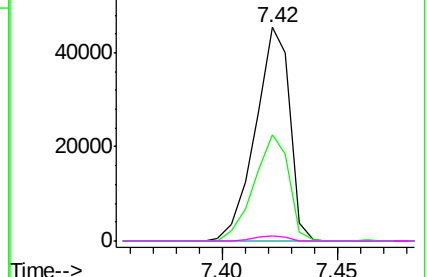
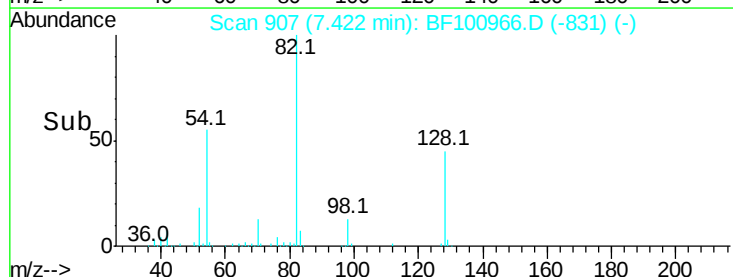


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

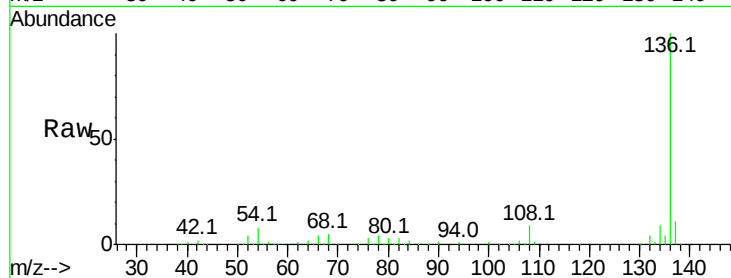




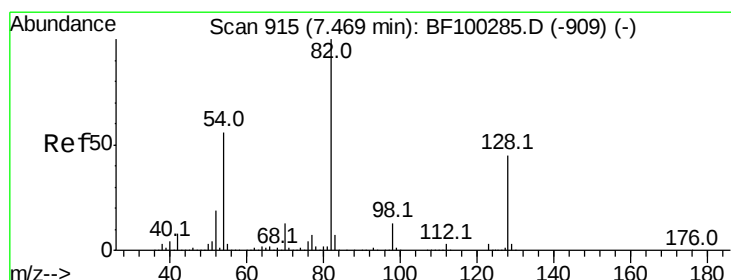
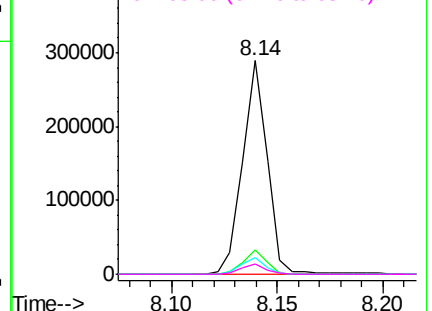
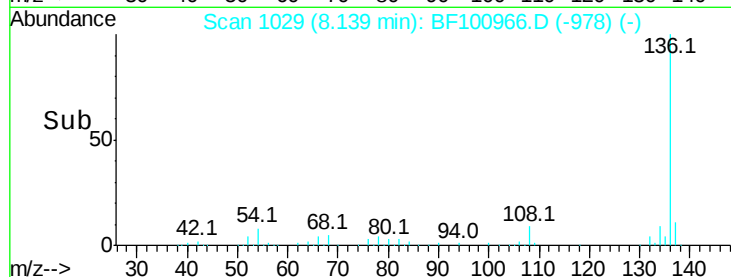
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	231337
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	4.9	5.0	7.4#

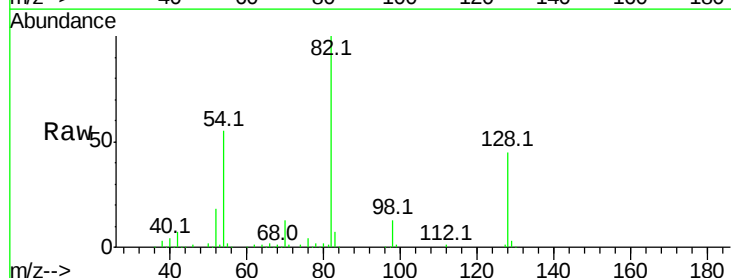


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

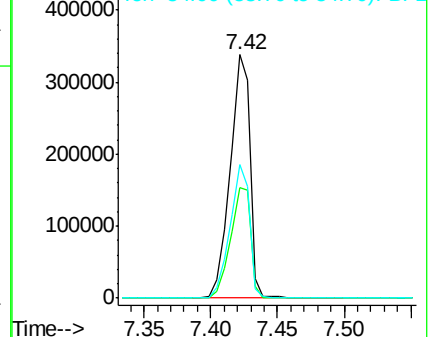
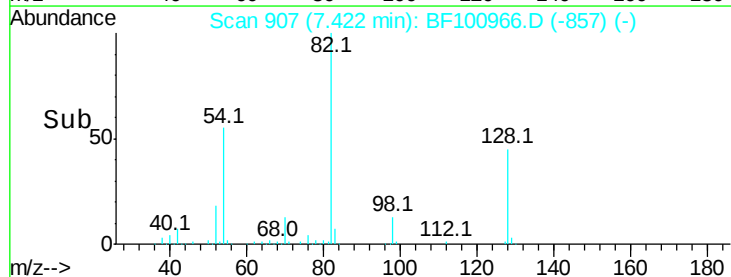


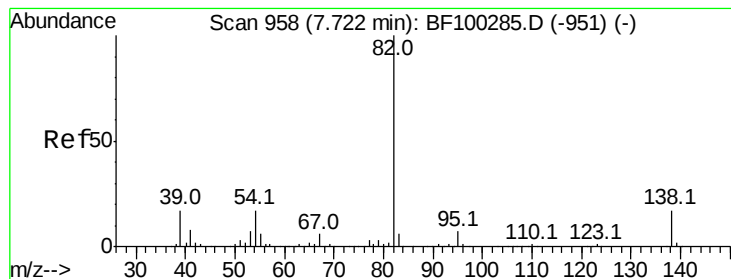
#23
Nitrobenzene-d5
Concen: 101.995 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Tgt Ion:	82	Resp:	356891
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.0	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: 48.543 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF100966.D

Acq: 29 Nov 2017 6:38

Instrument :

BNA_F

ClientSampled :

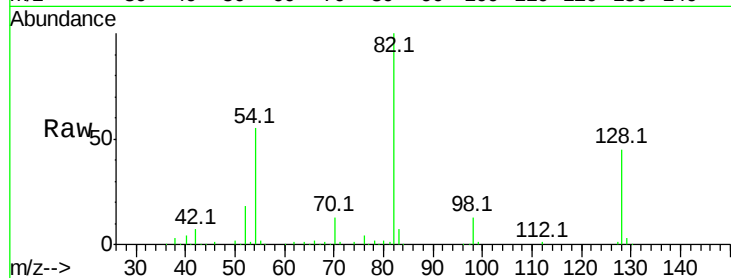
Tot Ion: 82 Resp: 356941

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

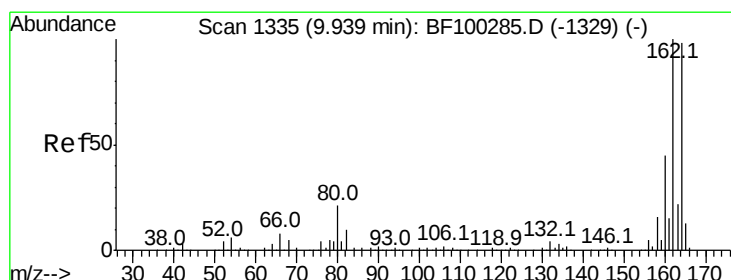
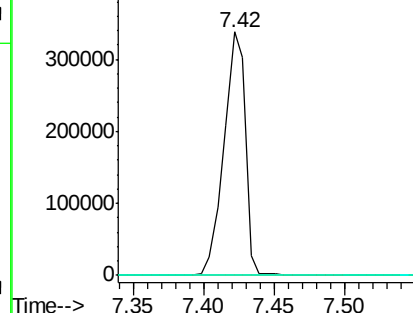
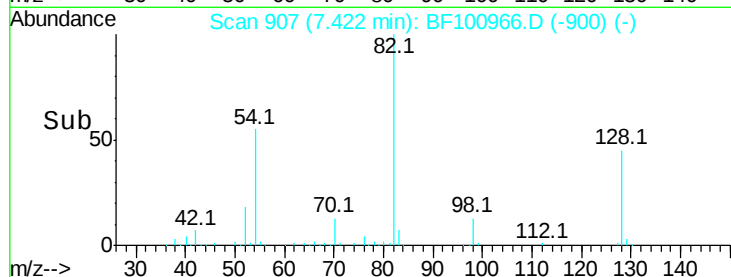
138 0.0 14.9 22.3#



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: BF100966.D

Acq: 29 Nov 2017 6:38

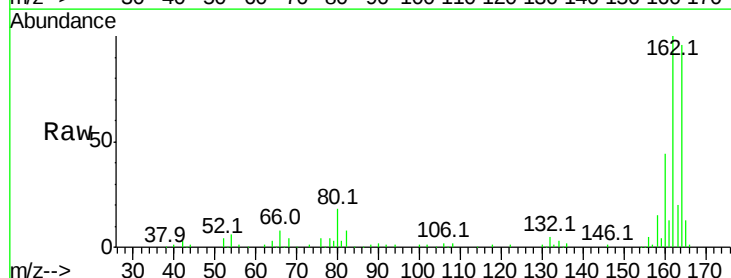
Tgt Ion: 164 Resp: 102707

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

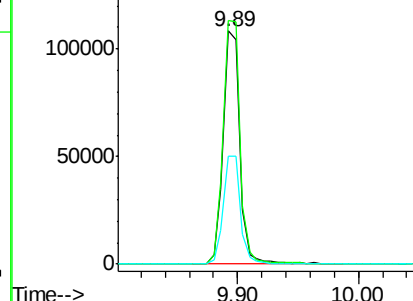
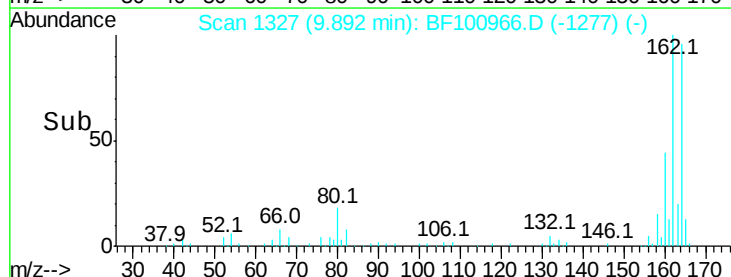
160 46.3 38.3 57.5



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

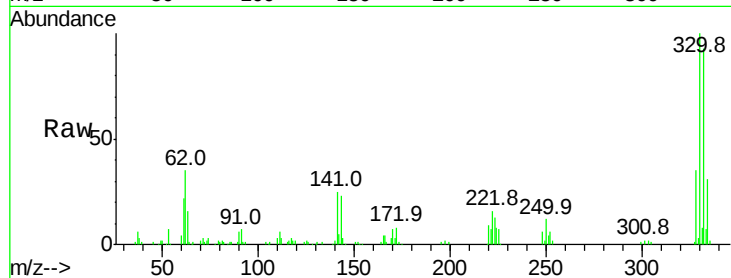




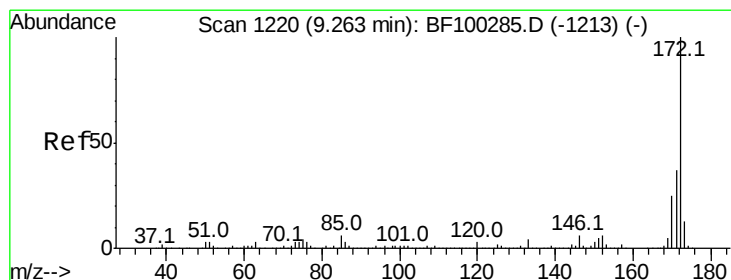
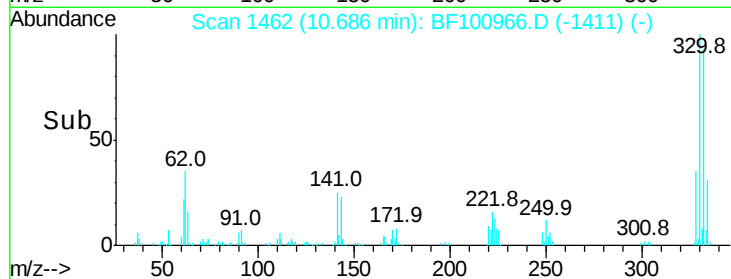
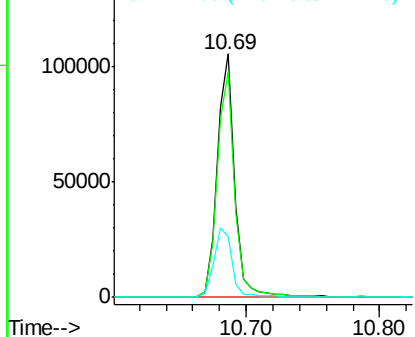
#41
 2,4,6-Tribromophenol
 Concen: 93.502 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	29.8	29.9	44.9#

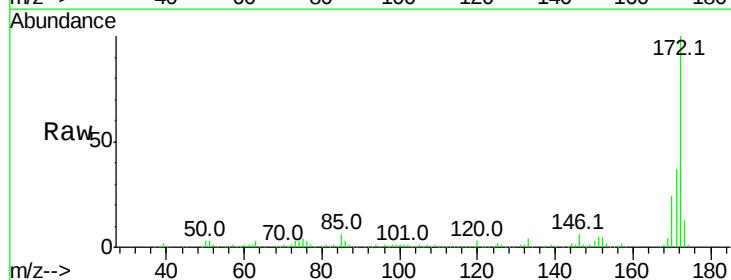


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

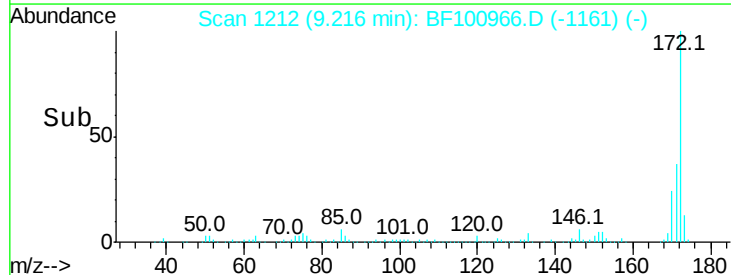
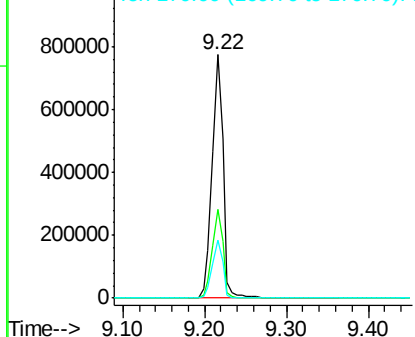


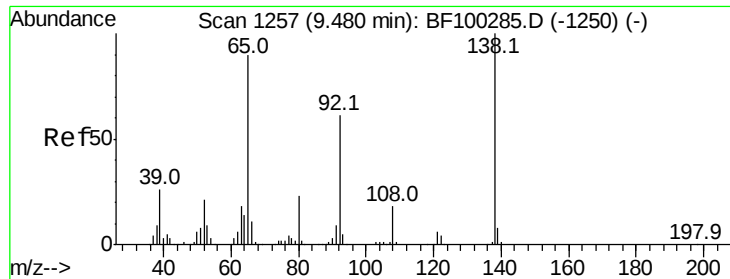
#44
 2-Fluorobiphenyl
 Concen: 107.798 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.7	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

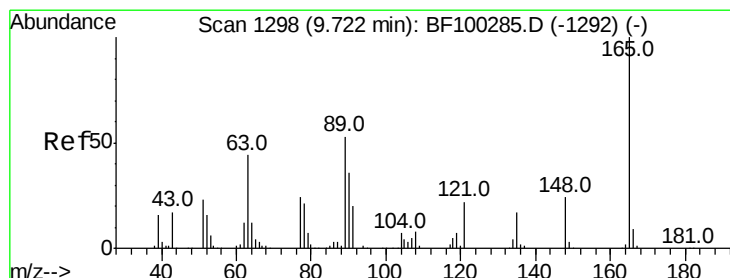
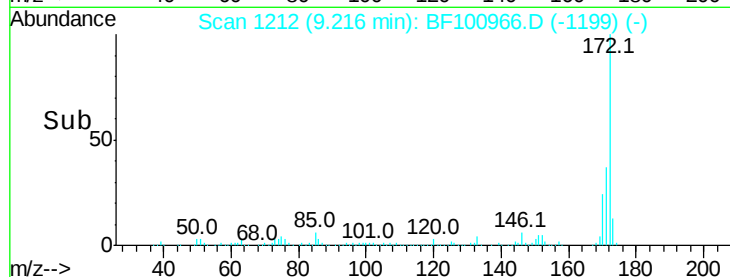
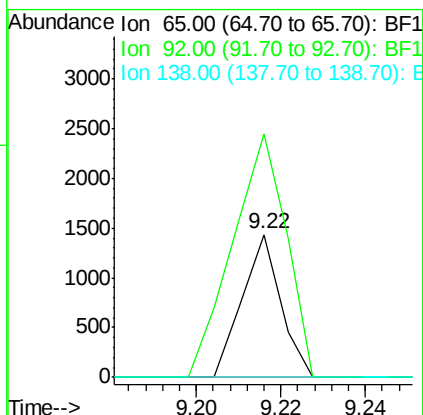
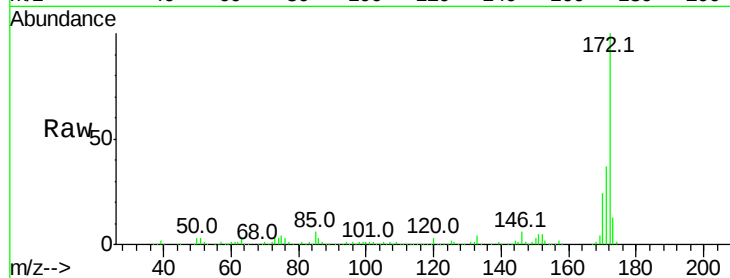




#47
2-Nitroaniline
Concen: 3.233 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

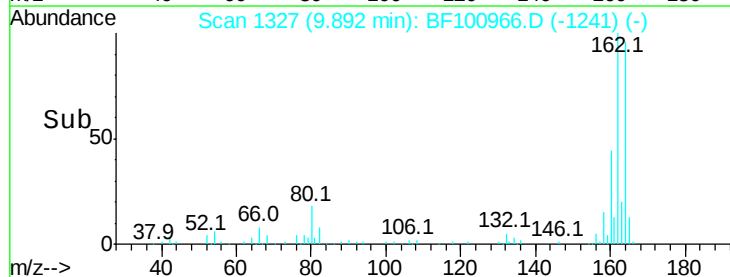
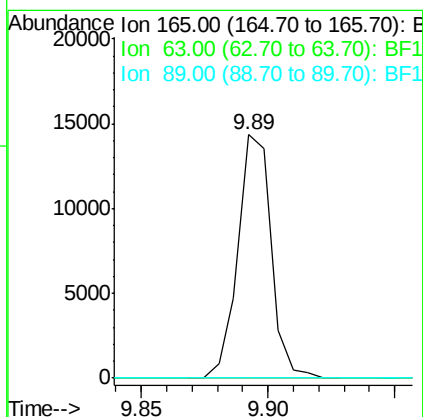
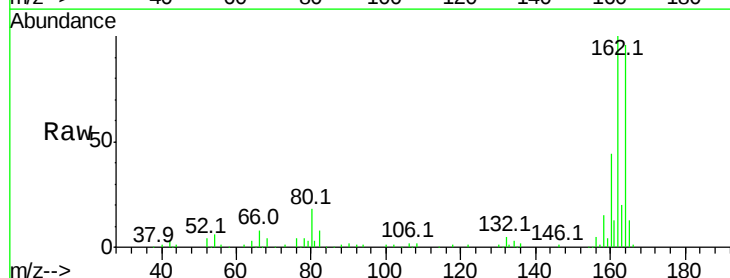
Instrument :
BNA_F
ClientSampleId :

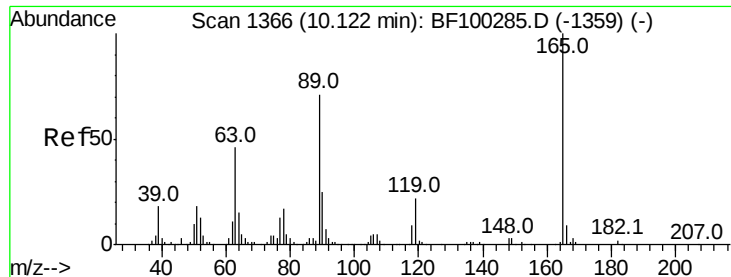
Tot Ion: 65 Resp: 907
Ion Ratio Lower Upper
65 100
92 170.8 55.8 83.6#
138 0.0 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.404 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Tgt Ion:165 Resp: 13045
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

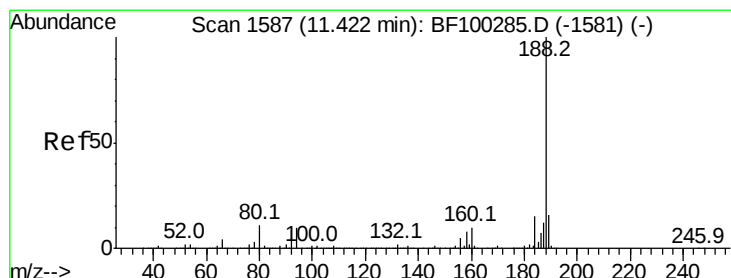
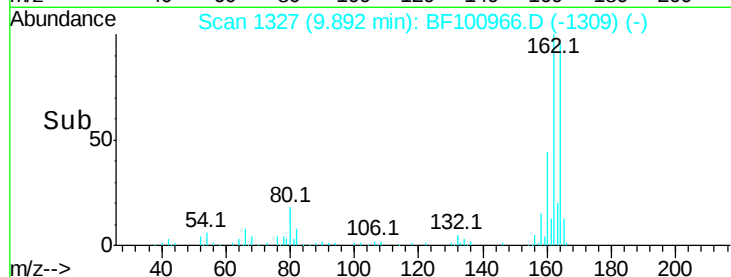
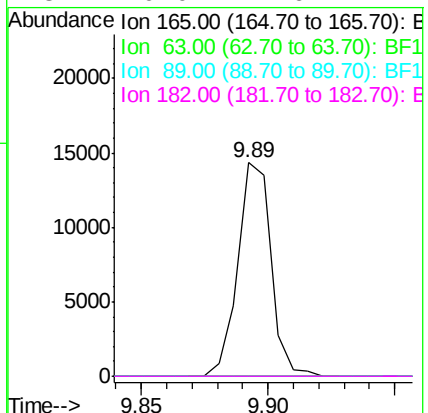
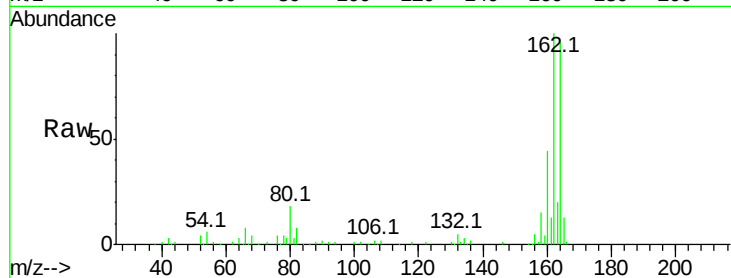




#56
 2,4-Dinitrotoluene
 Concen: 6.662 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

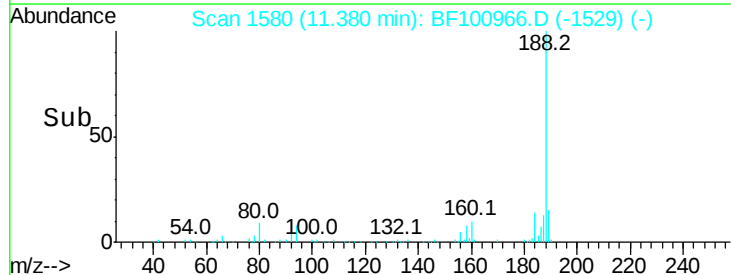
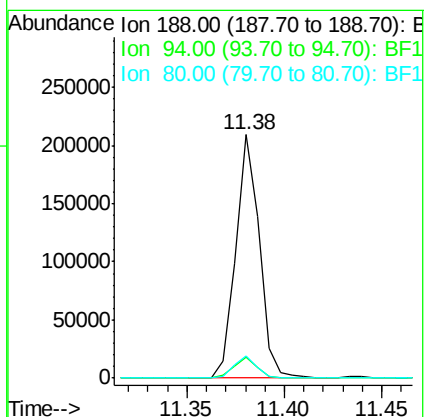
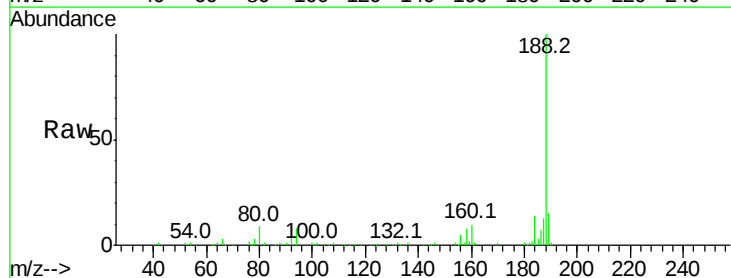
Instrument :
 BNA_F
 ClientSampleId :

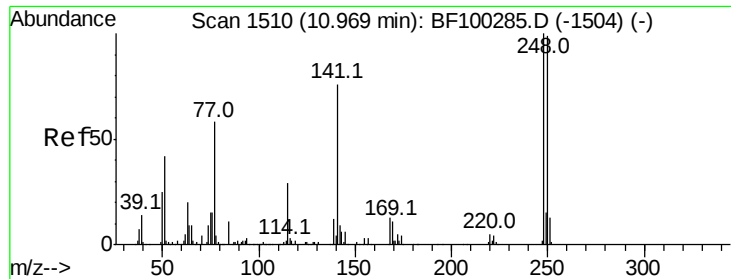
Tot Ion:165	Resp:	13045
Ion Ratio	Lower	Upper
165 100		
63 0.0	36.4	54.6#
89 0.0	57.8	86.6#
182 0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Tgt Ion:188	Resp:	175404
Ion Ratio	Lower	Upper
188 100		
94 8.5	8.5	12.7
80 9.1	9.2	13.8#

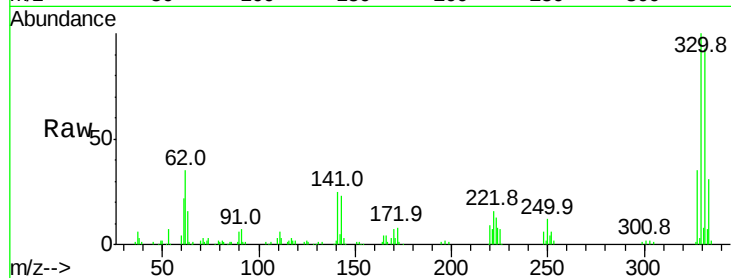




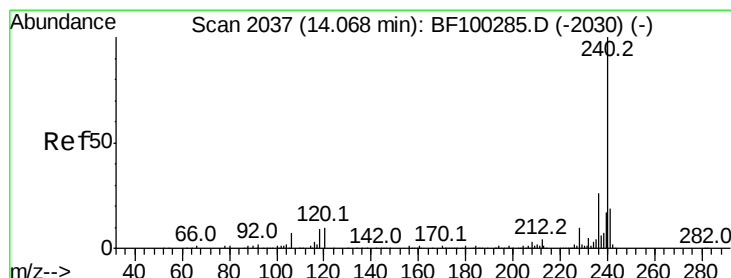
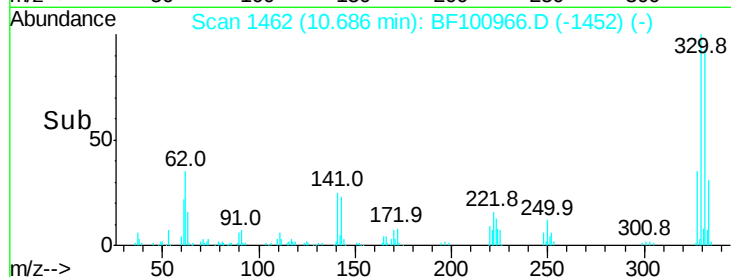
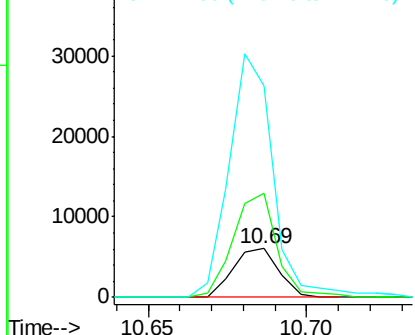
#66
4-Bromophenyl-phenylether
Concen: 3.199 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6015
Ion Ratio Lower Upper
248 100
250 213.8 76.9 115.3#
141 432.4 74.4 111.6#

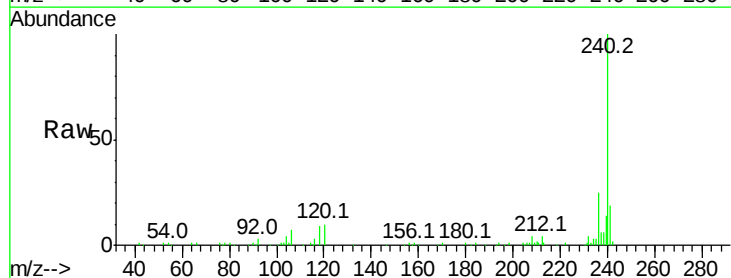


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

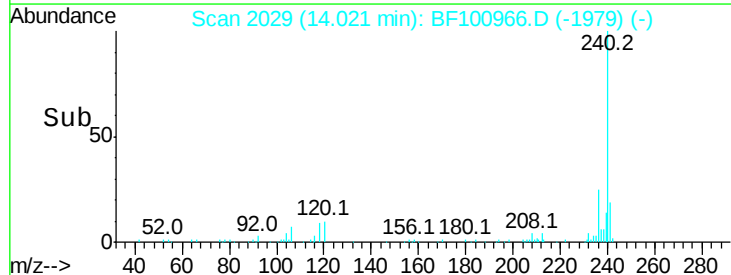
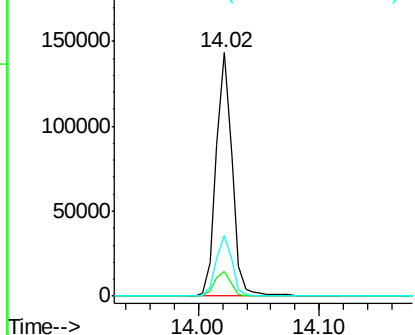


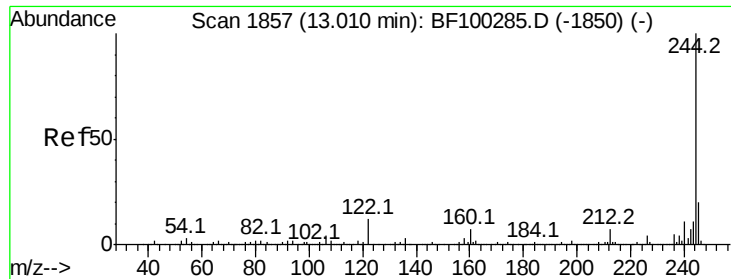
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100966.D
Acq: 29 Nov 2017 6:38

Tgt Ion:240 Resp: 129876
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 24.9 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

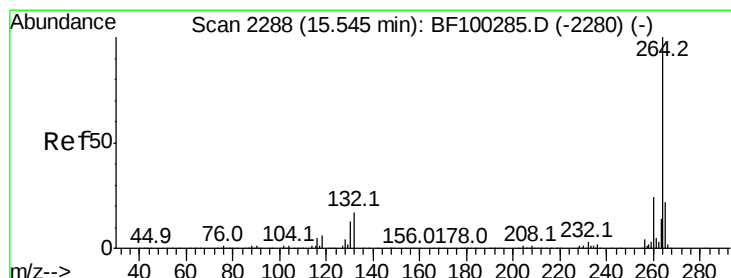
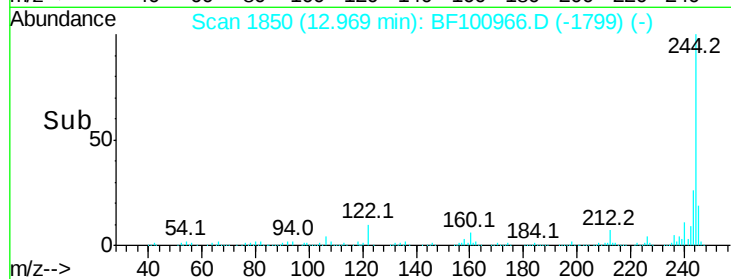
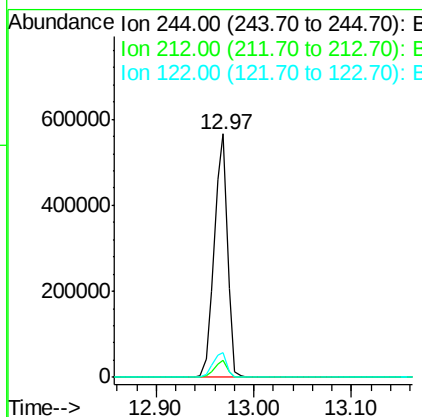
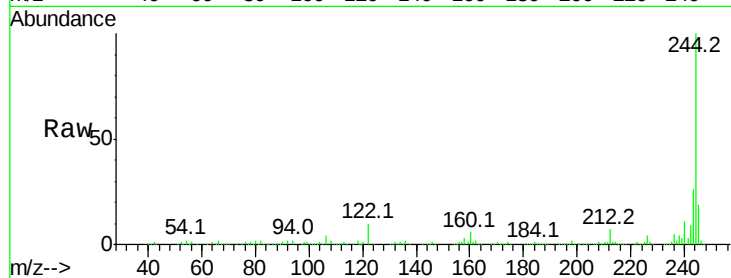




#78
 Terphenyl-d14
 Concen: 94.104 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 531917
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF100966.D
 Acq: 29 Nov 2017 6:38

Tgt Ion:264 Resp: 117799
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 22.0 17.5 26.3

