

Data File : BF100732.D
Acq On : 20 Nov 2017 16:04
Operator : SJ/JU
Sample : PB104346BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104346BL

Quant Time: Nov 21 03:26:10 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	80742	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	322658	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	148433	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	272752	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	151625	20.00	ng	-0.02
86) Perylene-d12	15.50	264	175632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	599047	118.93	ng	0.00
7) Phenol-d6	6.50	99	713369	114.85	ng	-0.01
23) Nitrobenzene-d5	7.43	82	453321	92.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	161868	107.02	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	943666	96.81	ng	-0.01
78) Terphenyl-d14	12.97	244	734918	111.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	57894	13.44	ng	# 81
25) Isophorone	7.43	82	453317	44.20	ng	# 64
47) 2-Nitroaniline	9.23	65	1235	3.21	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	19043	8.49	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	19043	6.73	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	299	8.75	ng	# 35
66) 4-Bromophenyl-phenylether	10.69	248	9800	3.35	ng	# 1

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

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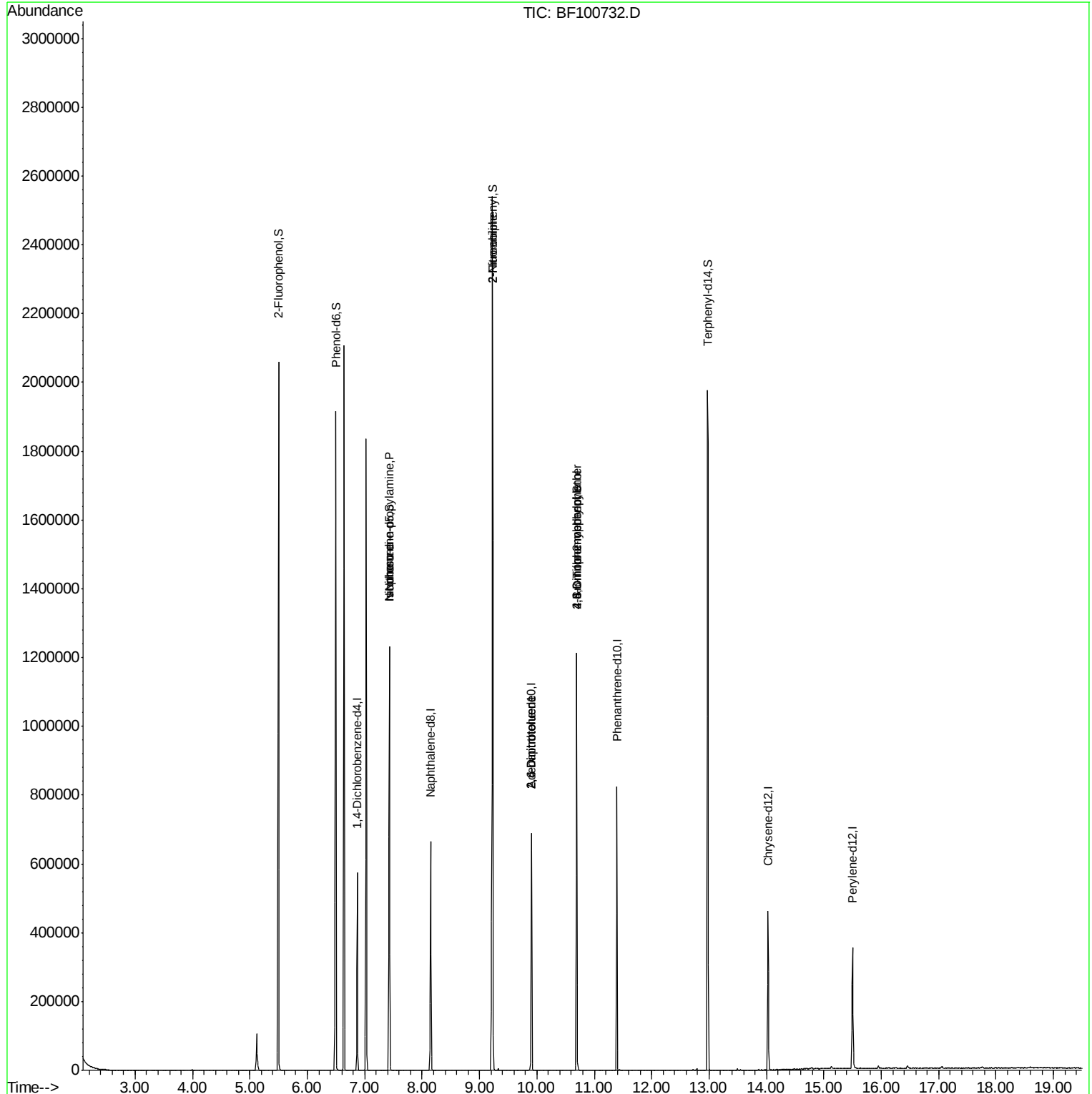
Quant Time: Nov 21 03:26:10 2017

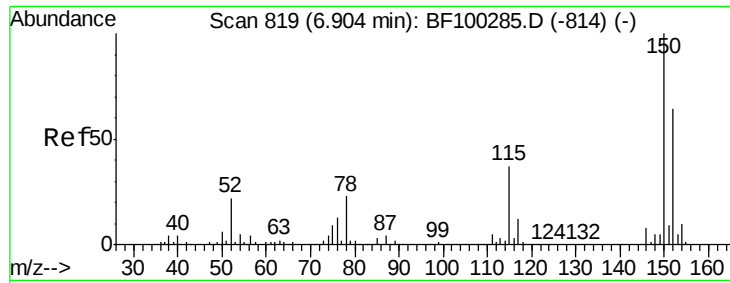
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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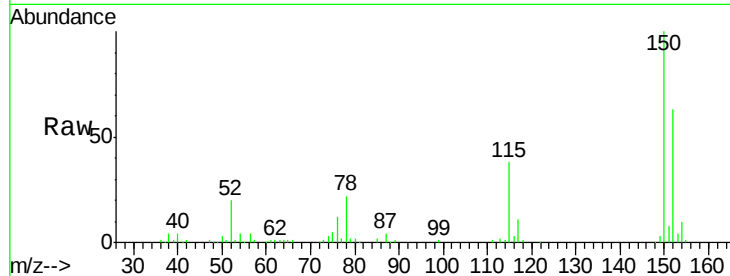


#1

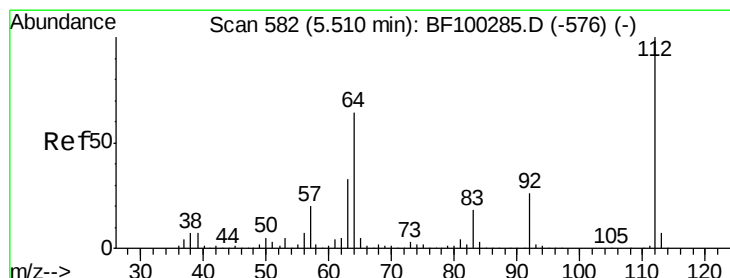
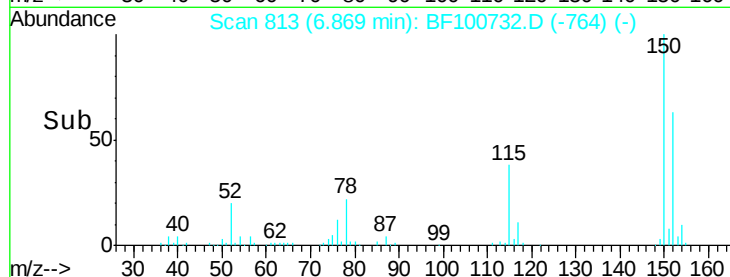
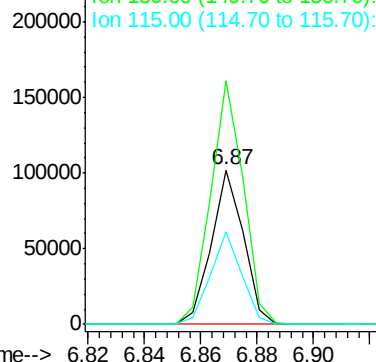
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB104346BL

Tgt Ion:152 Resp: 80742
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.1 50.1 75.1



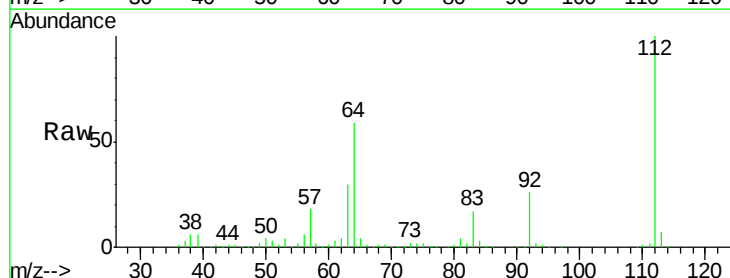
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



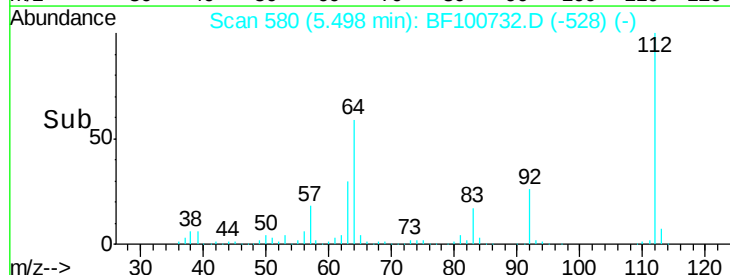
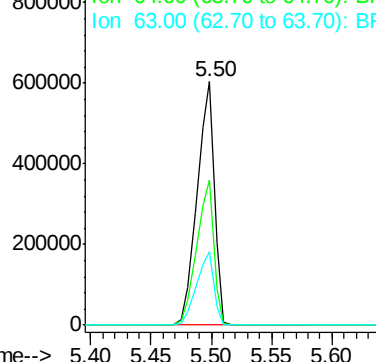
#5

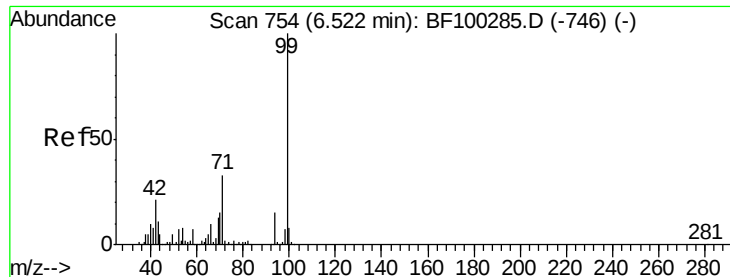
2-Fluorophenol
Concen: 118.93 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Tgt Ion:112 Resp: 599047
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.0 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: 114.85 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB104346BL

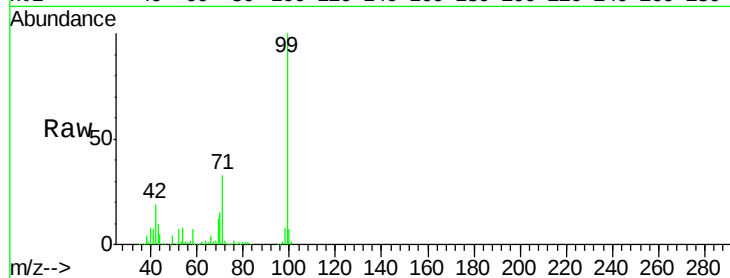
Tgt Ion: 99 Resp: 713369

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

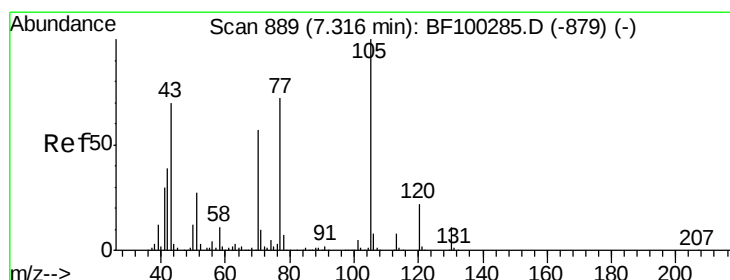
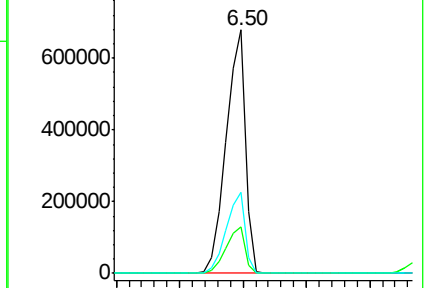
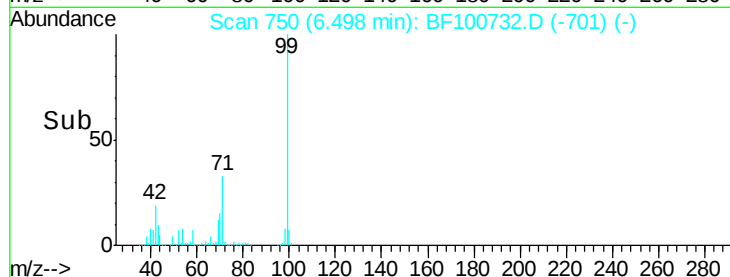
71 33.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.44 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Tgt Ion: 70 Resp: 57894

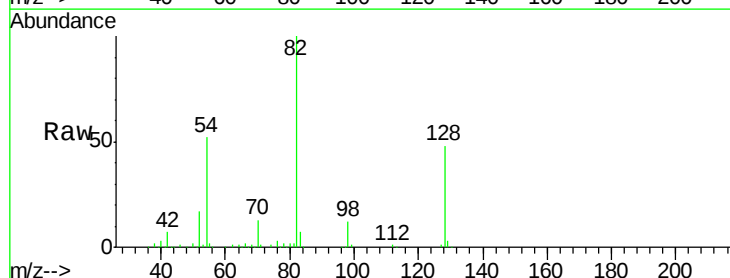
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

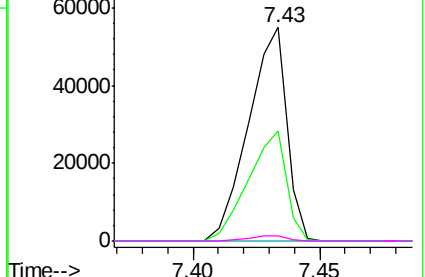
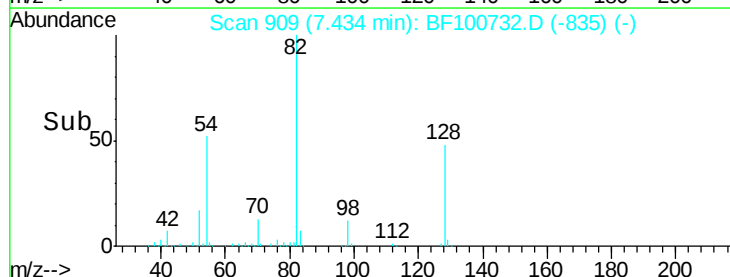


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

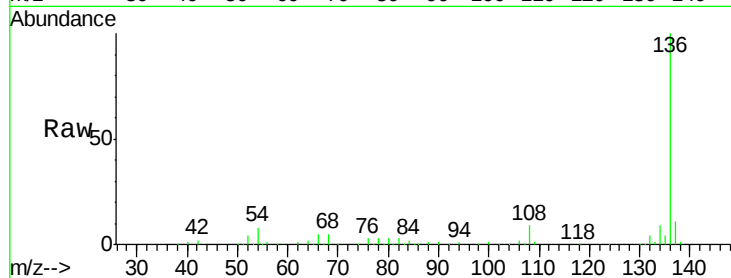




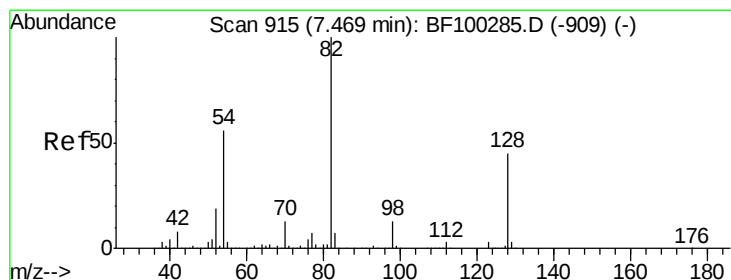
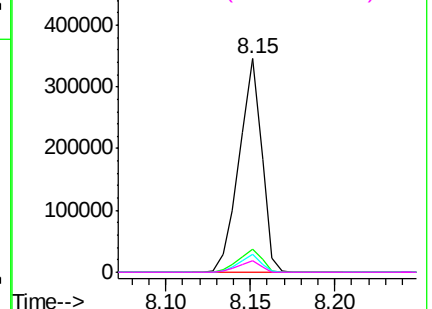
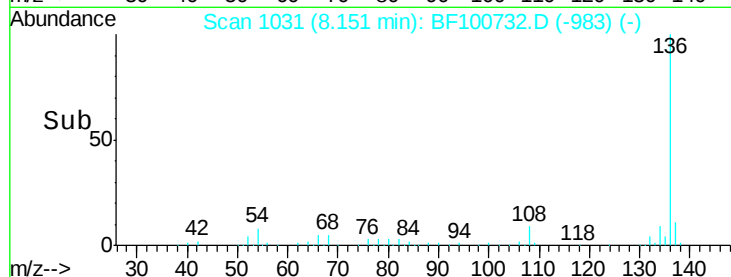
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB104346BL

Tgt Ion:	136	Resp:	322658
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.3	6.6	9.8
68	5.3	5.0	7.4

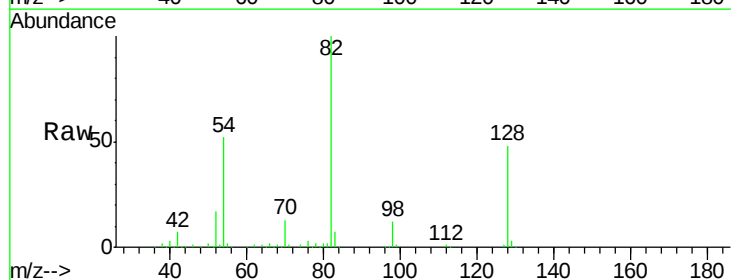


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

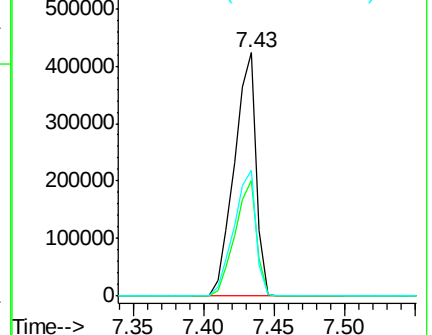
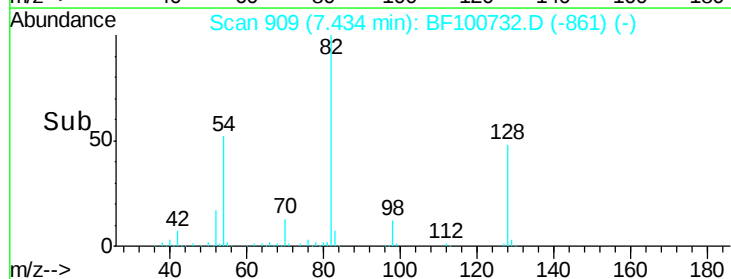


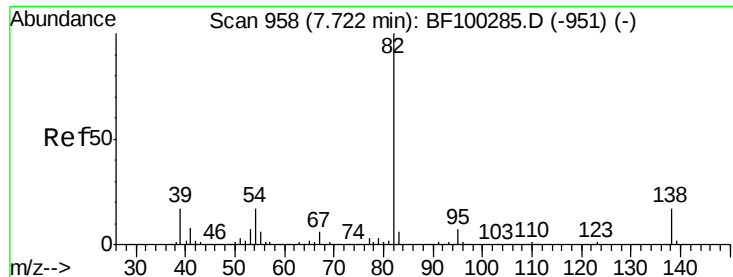
#23
Nitrobenzene-d5
Concen: 92.89 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Tgt Ion:	82	Resp:	453321
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	51.7	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: 44.20 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB104346BL

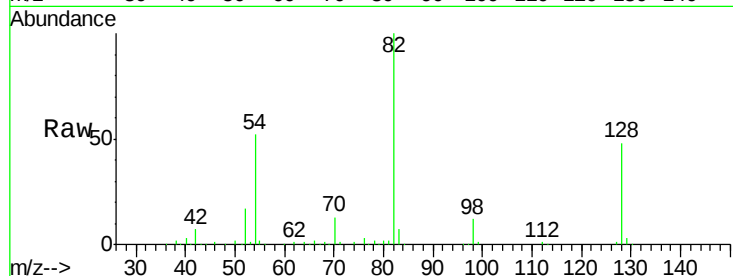
Tgt Ion: 82 Resp: 453317

Ion Ratio Lower Upper

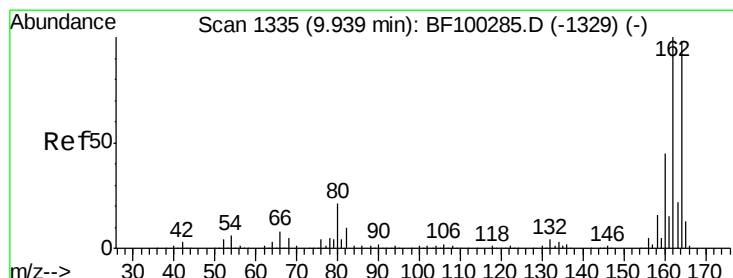
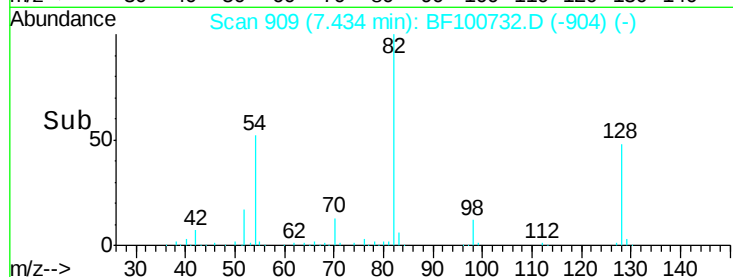
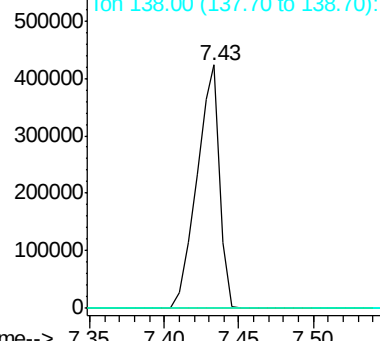
82 100

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: 20.00 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

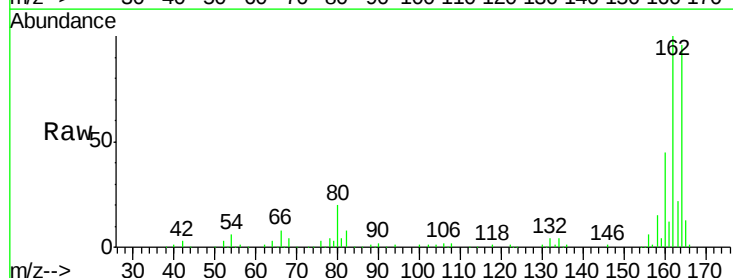
Tgt Ion: 164 Resp: 148433

Ion Ratio Lower Upper

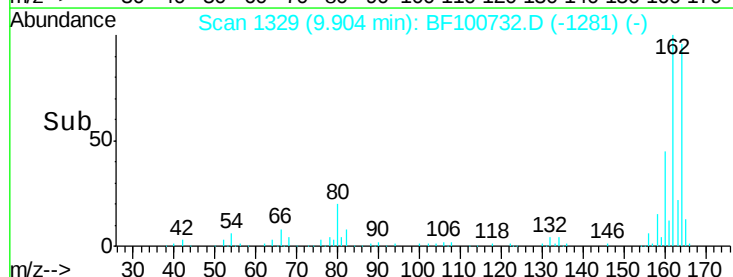
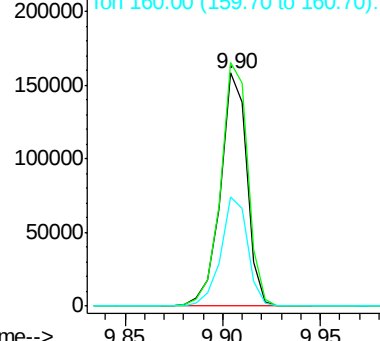
164 100

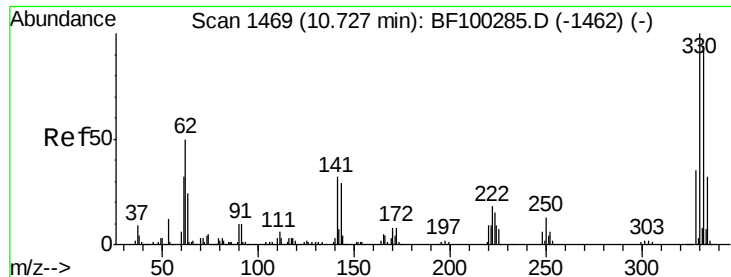
162 104.4 86.1 129.1

160 46.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 107.02 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

Instrument :

BNA_F

ClientSampleId :

PB104346BL

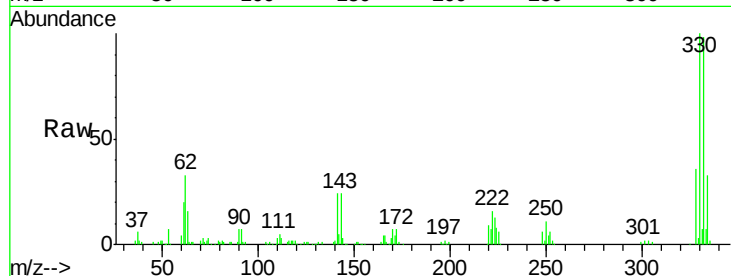
Tgt Ion:330 Resp: 161868

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

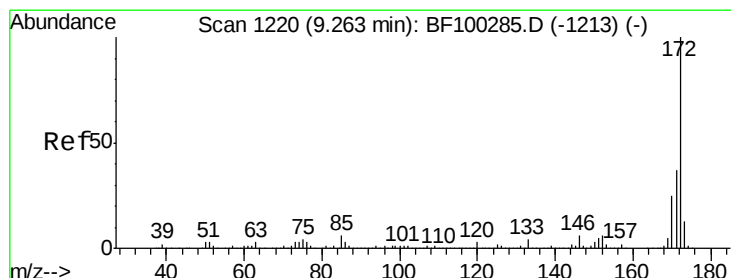
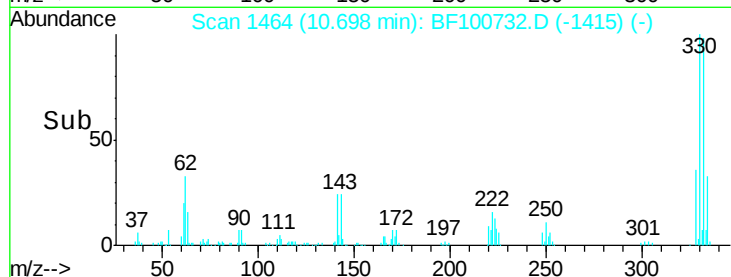
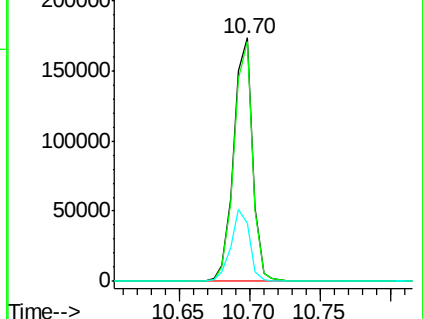
141 28.8 29.9 44.9#



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: 96.81 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF100732.D

Acq: 20 Nov 2017 16:04

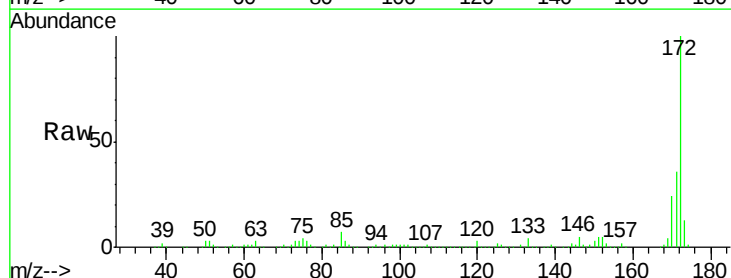
Tgt Ion:172 Resp: 943666

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

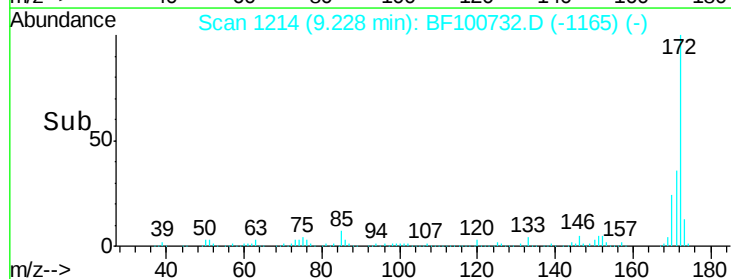
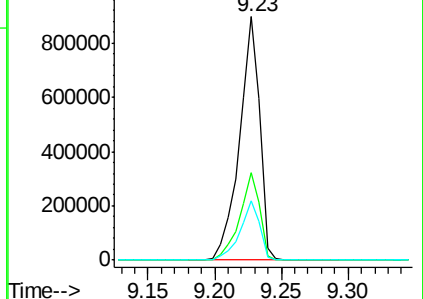
170 24.2 19.6 29.4



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

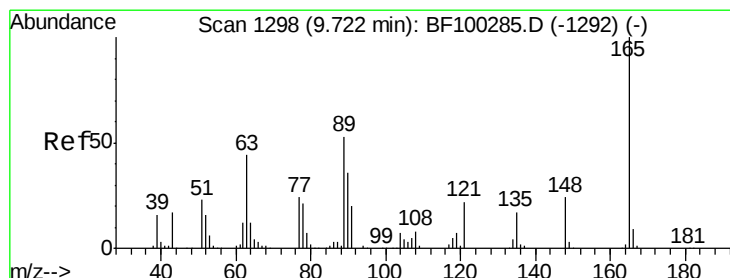
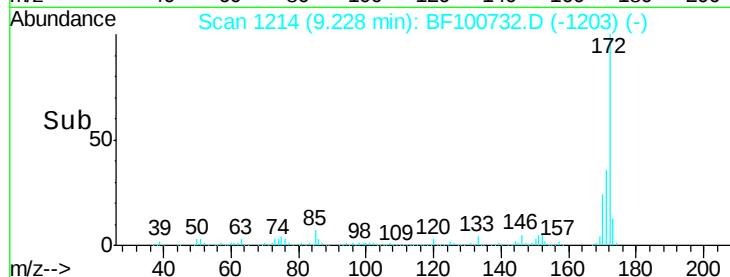
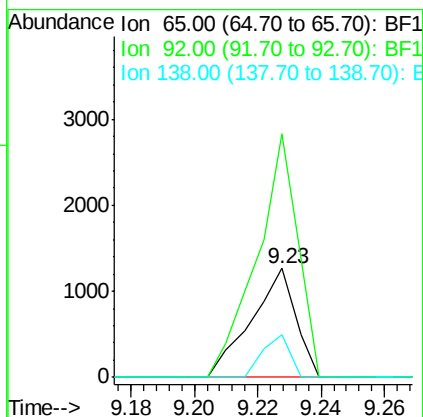
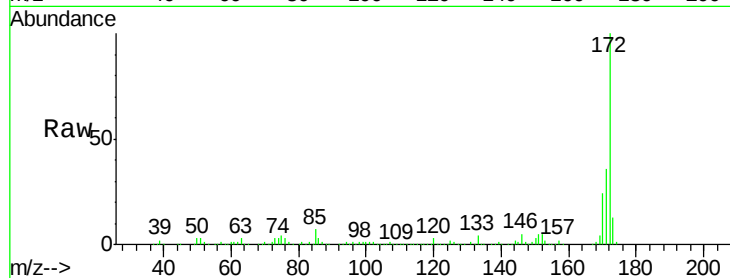




#47
2-Nitroaniline
Concen: 3.21 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.24 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

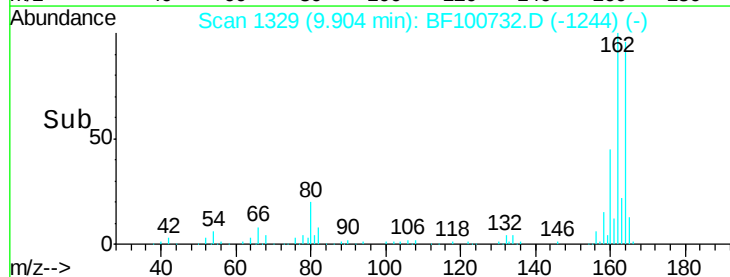
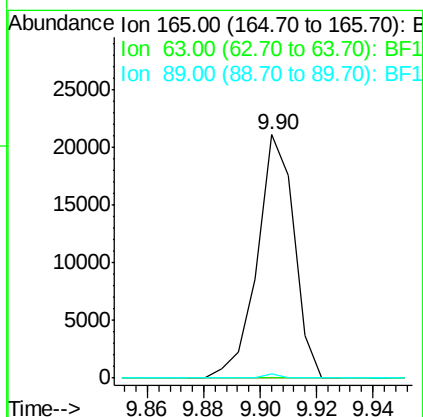
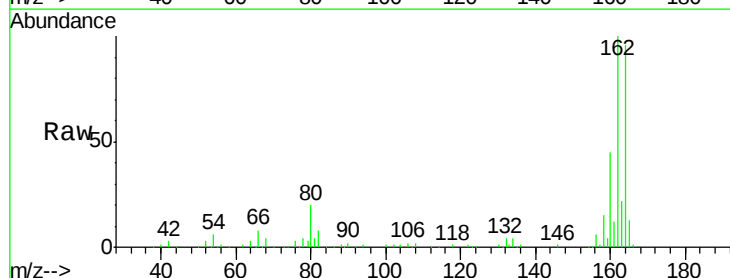
Instrument :
BNA_F
ClientSampleId :
PB104346BL

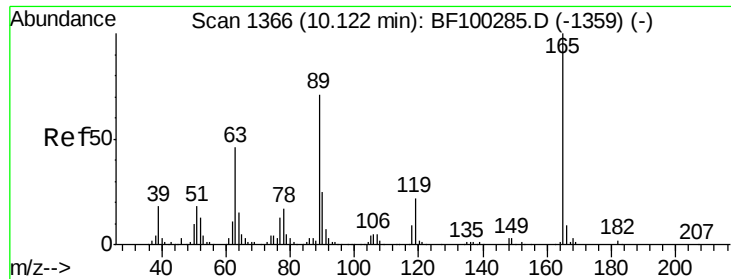
Tgt Ion: 65 Resp: 1235
Ion Ratio Lower Upper
65 100
92 223.9 55.8 83.6#
138 39.8 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Tgt Ion: 165 Resp: 19043
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.5 44.0 66.0#

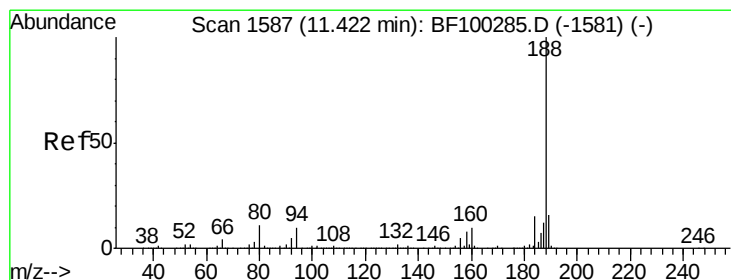
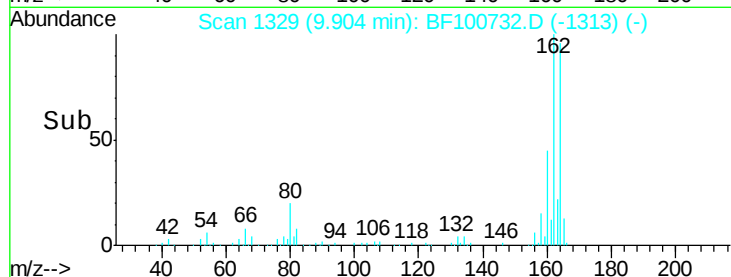
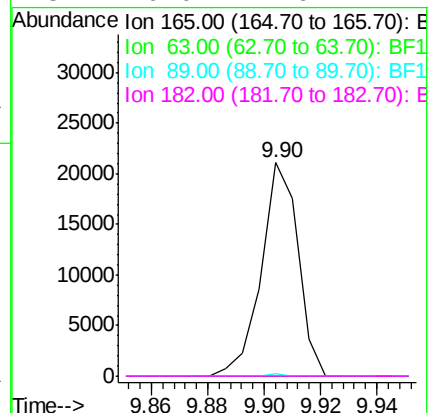
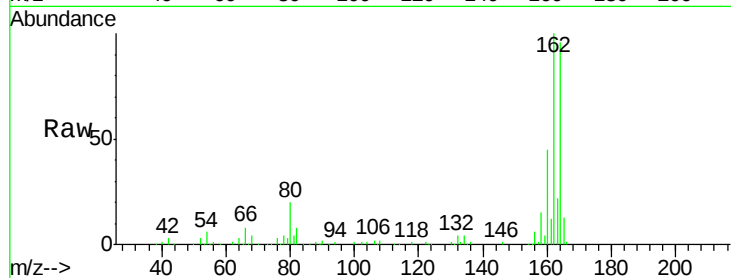




#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

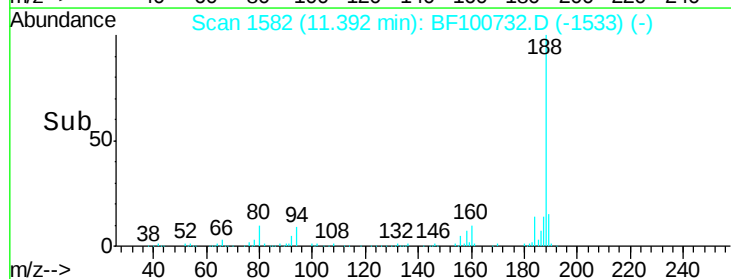
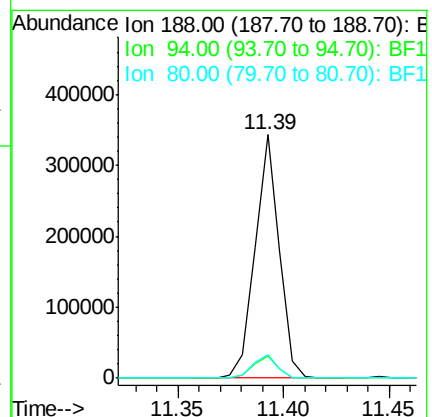
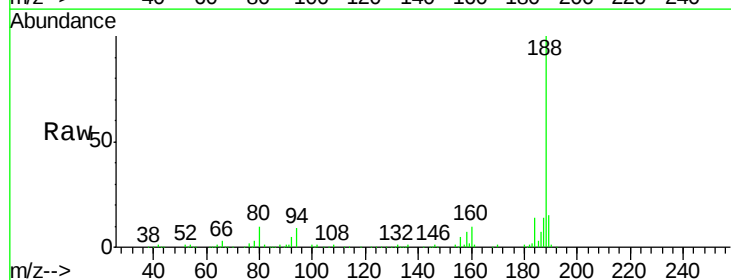
Instrument :
BNA_F
ClientSampleId :
PB104346BL

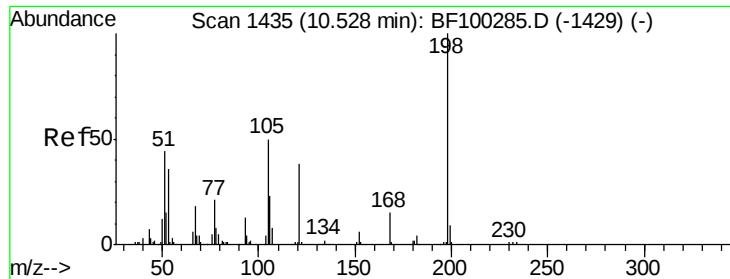
Tgt Ion:	165	Resp:	19043
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Tgt Ion:	188	Resp:	272752
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	9.7	9.2	13.8

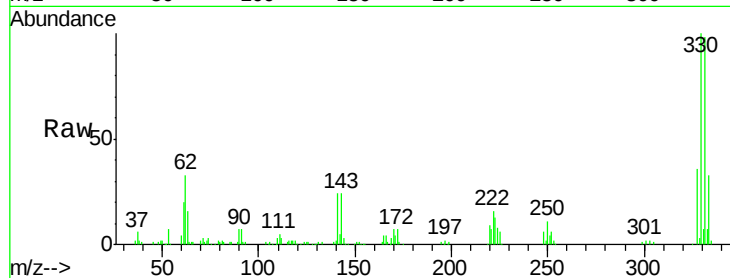




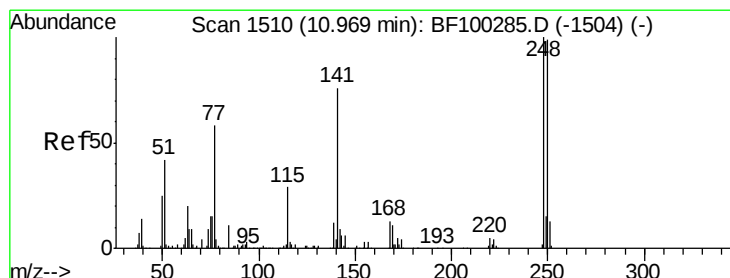
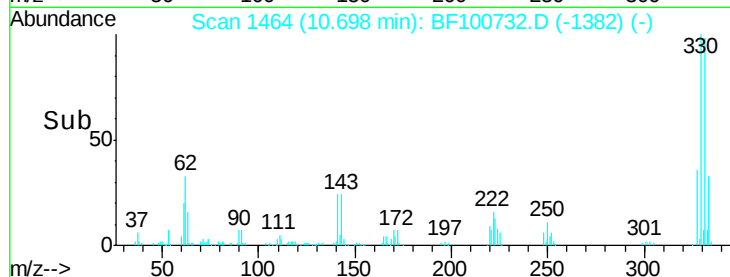
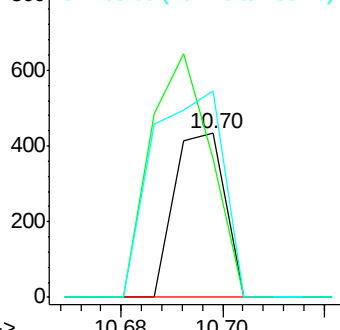
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.75 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.18 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BL

Tgt Ion:198 Resp: 299
 Ion Ratio Lower Upper
 198 100
 51 84.5 37.7 77.7#
 105 126.1 36.3 76.3#

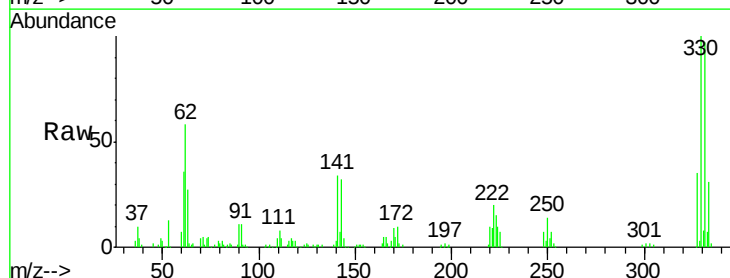


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

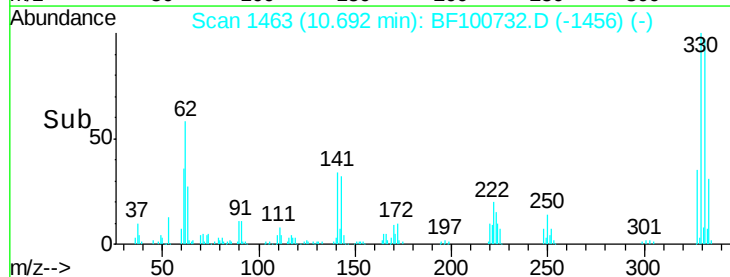
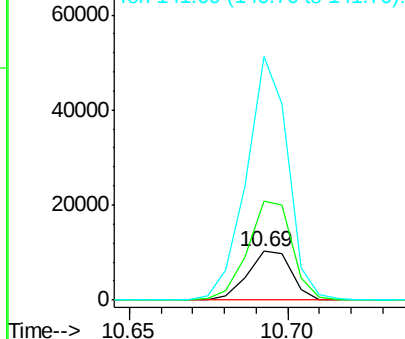


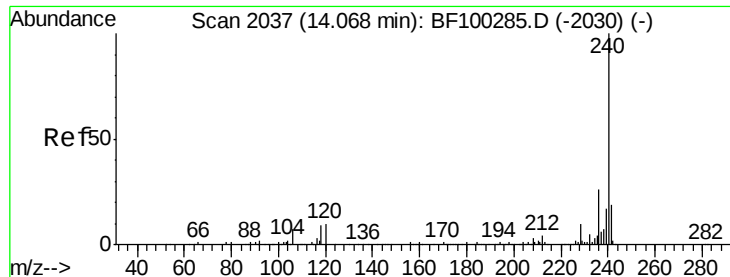
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.26 min
 Lab File: BF100732.D
 Acq: 20 Nov 2017 16:04

Tgt Ion:248 Resp: 9800
 Ion Ratio Lower Upper
 248 100
 250 202.0 76.9 115.3#
 141 499.9 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

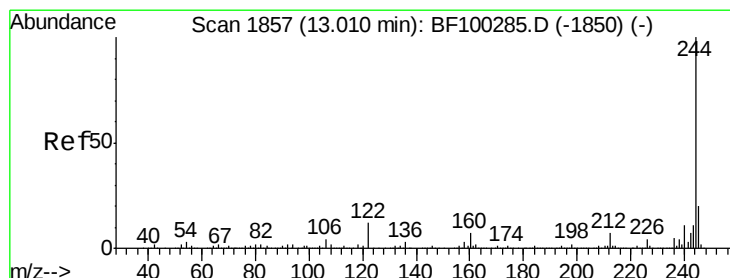
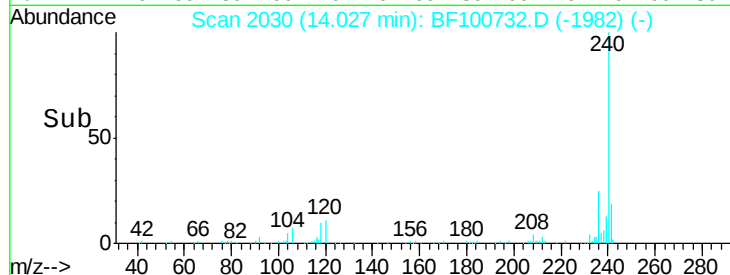
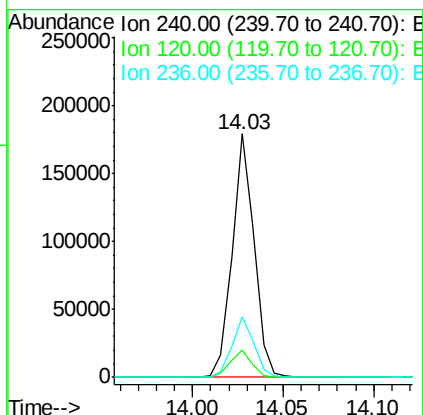
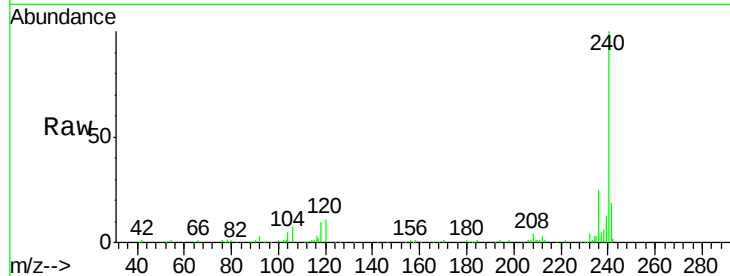




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

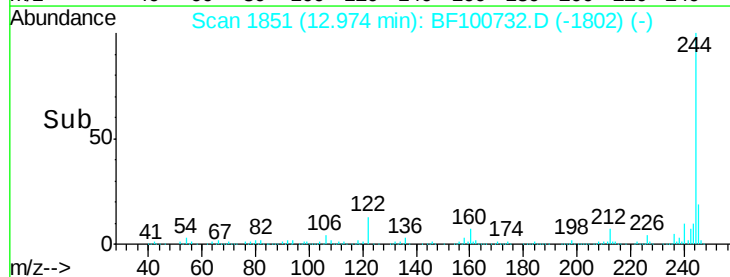
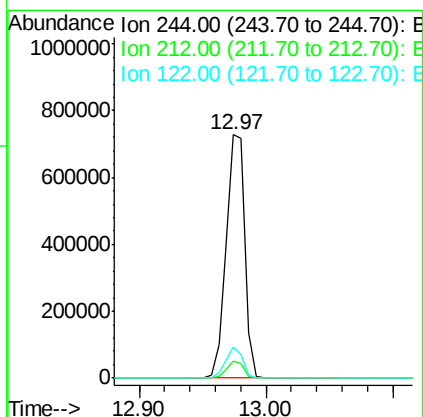
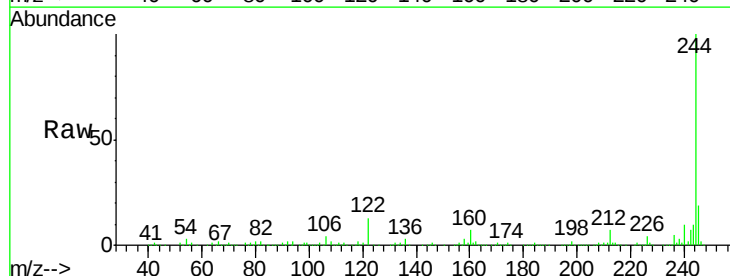
Instrument :
BNA_F
ClientSampleId :
PB104346BL

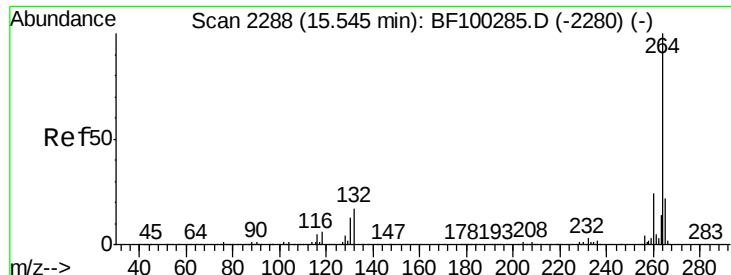
Tgt Ion:240 Resp: 151625
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 24.9 20.7 31.1



#78
Terphenyl-d14
Concen: 111.37 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Tgt Ion:244 Resp: 734918
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.6 11.0 16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100732.D
Acq: 20 Nov 2017 16:04

Instrument :
BNA_F
ClientSampleId :
PB104346BL

Tgt Ion:	264	Resp:	175632
Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.3	17.5	26.3

