

Data File : BF100691.D
Acq On : 17 Nov 2017 23:18
Operator : SJ/JU
Sample : I6478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-C

Quant Time: Nov 17 23:49:44 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	6.88	152	104747	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	422173	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	197160	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	357310	20.00	ng	0.00
75) Chrysene-d12	14.04	240	244357	20.00	ng	0.00
86) Perylene-d12	15.52	264	238443	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	500508	76.59	ng	0.00
7) Phenol-d6	6.50	99	618004	76.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	372757	58.37	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	165733	82.49	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	692232	53.46	ng	0.00
78) Terphenyl-d14	12.99	244	545083	51.25	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	32431	3.83	ng	96
19) n-Nitroso-di-n-propylamine	7.45	70	48463	8.67	ng	# 78
25) Isophorone	7.45	82	372754	27.78	ng	# 64
47) 2-Nitroaniline	9.62	65	139	2.82	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	25201	8.46	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	25201	6.70	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	149	8.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10349	2.70	ng	# 1

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

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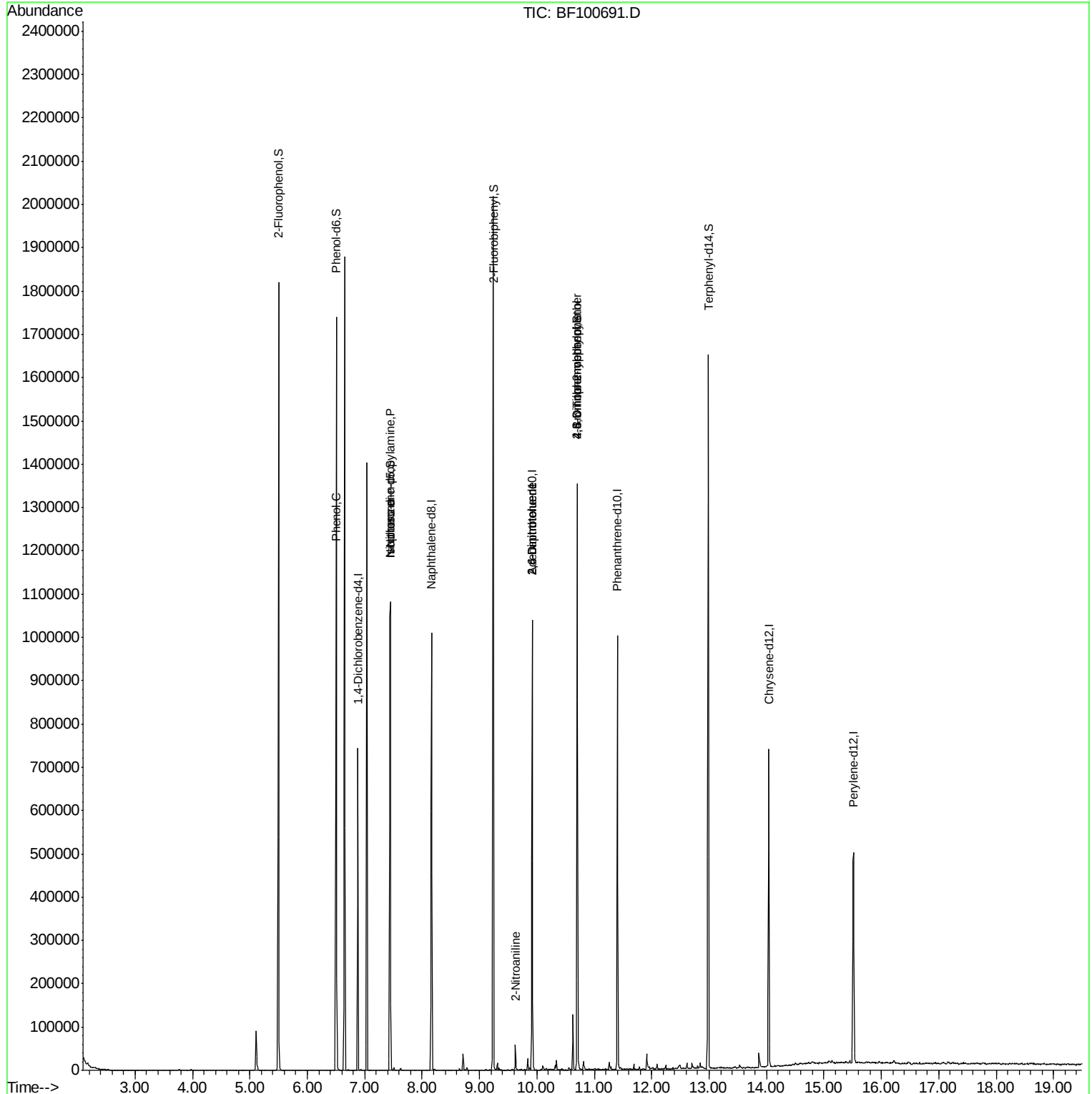
Quant Time: Nov 17 23:49:44 2017

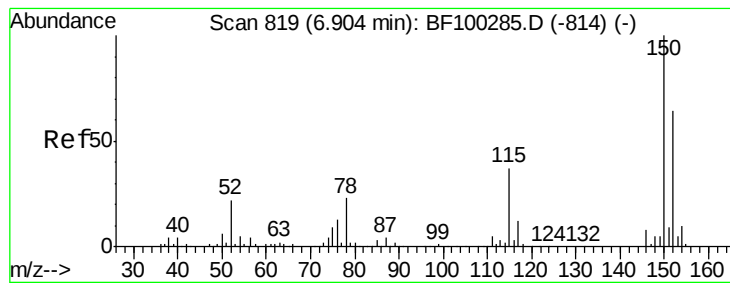
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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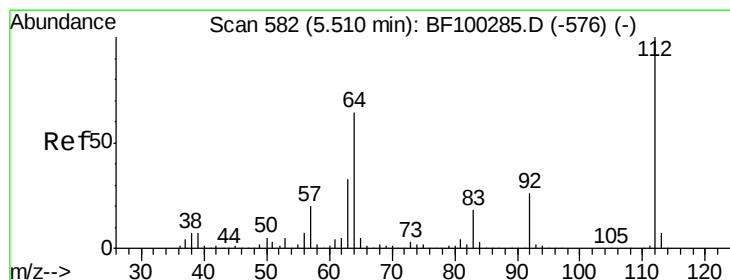
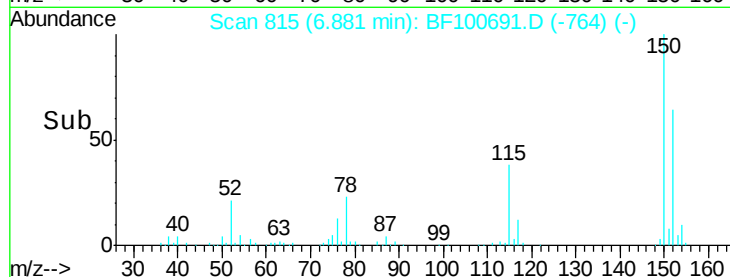
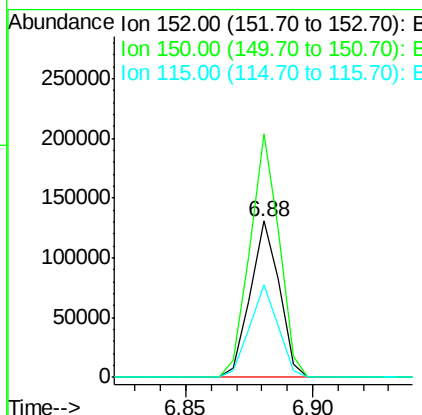
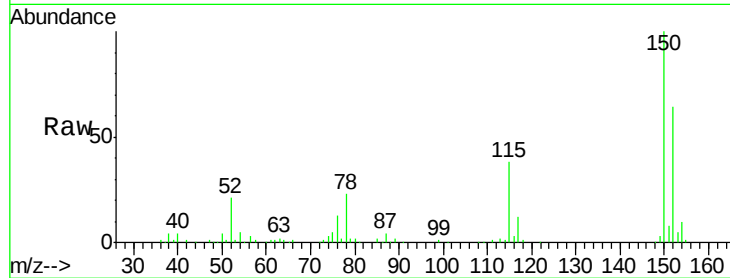




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

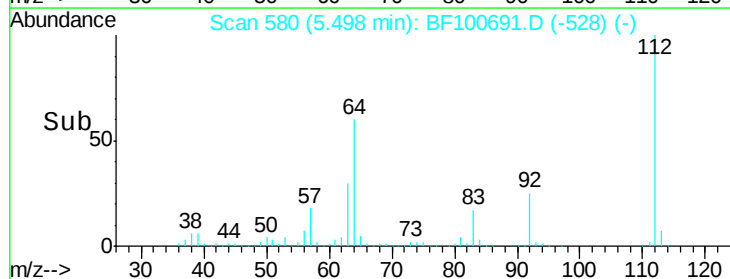
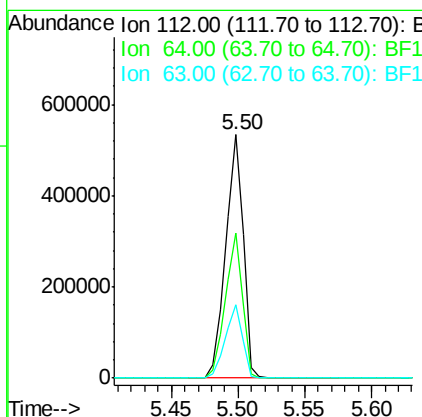
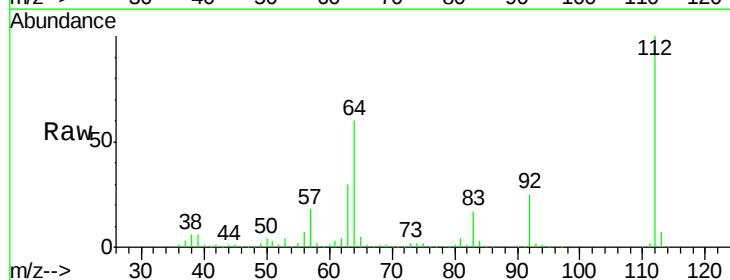
Instrument :
 BNA_F
 ClientSampled :
 SP-1-C

Tgt Ion:152 Resp: 104747
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 59.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 76.59 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

Tgt Ion:112 Resp: 500508
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 76.70 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-C

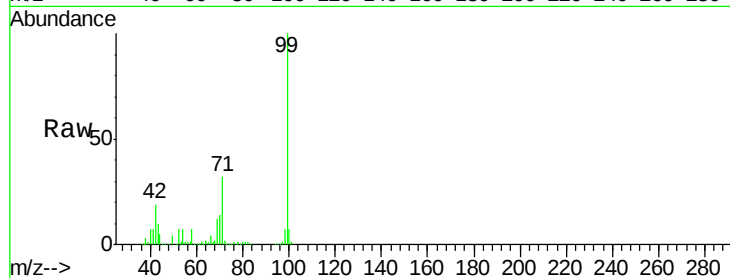
Tgt Ion: 99 Resp: 618004

Ion Ratio Lower Upper

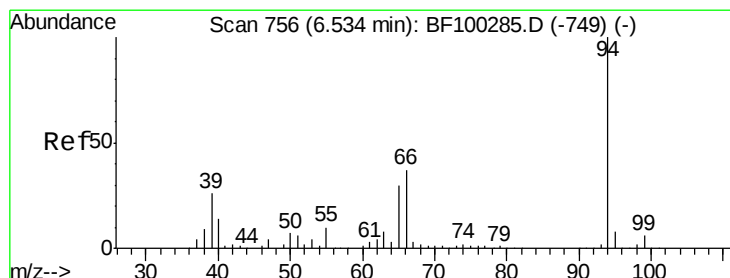
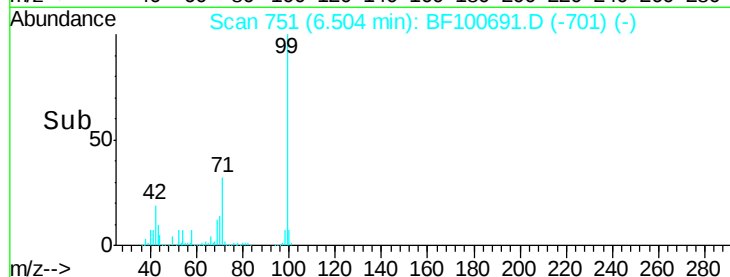
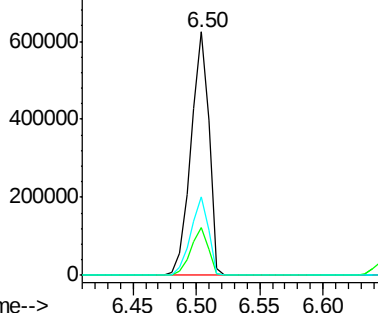
99 100

42 19.4 14.5 21.7

71 32.4 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



#10

Phenol

Concen: 3.83 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

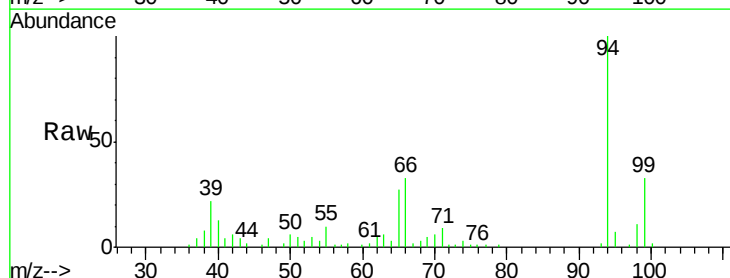
Tgt Ion: 94 Resp: 32431

Ion Ratio Lower Upper

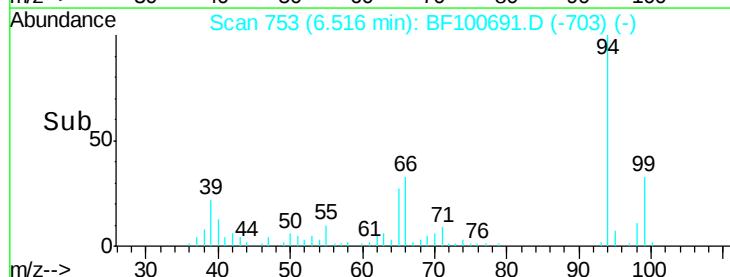
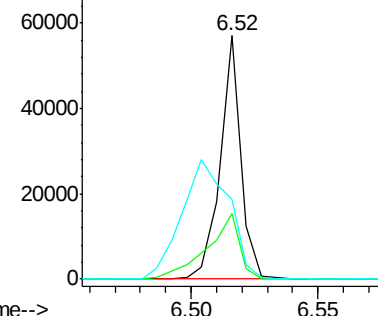
94 100

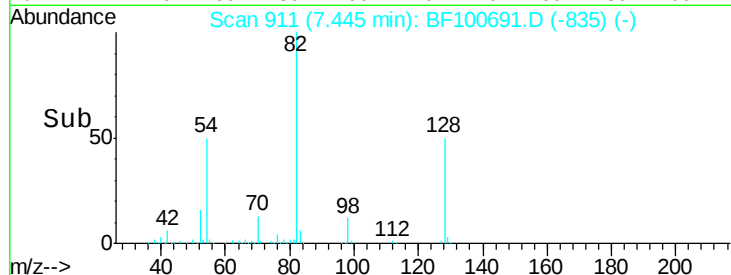
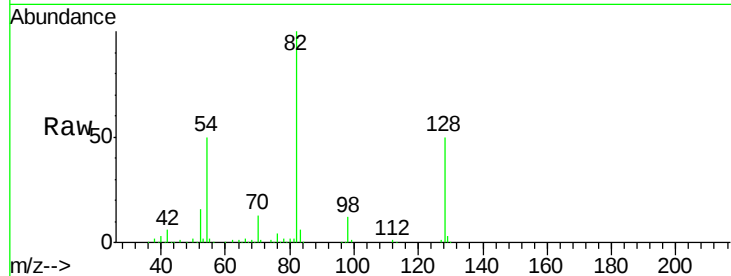
65 26.8 7.9 47.9

66 32.9 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: 8.67 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-C

Tgt Ion: 70 Resp: 48463

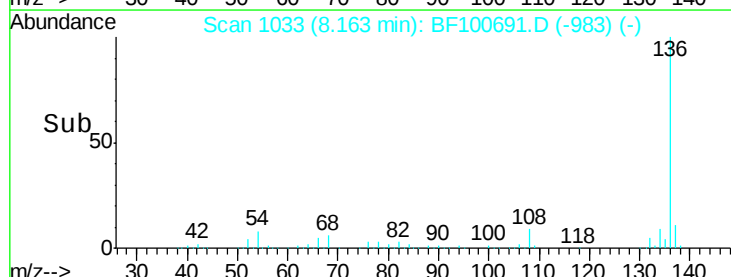
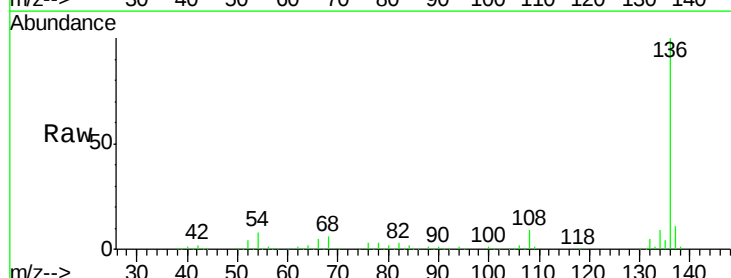
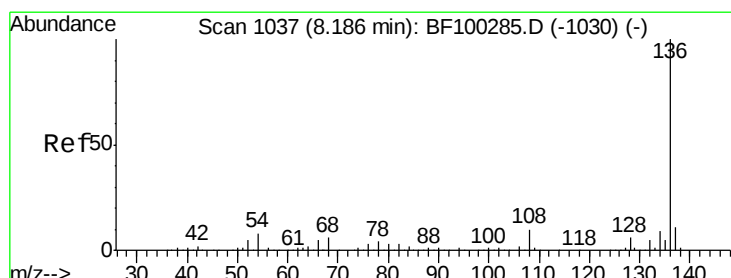
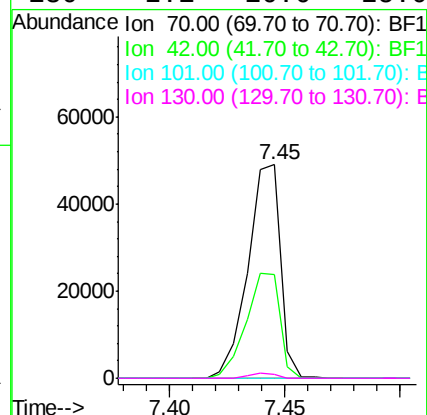
Ion Ratio Lower Upper

70 100

42 48.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

Tgt Ion: 136 Resp: 422173

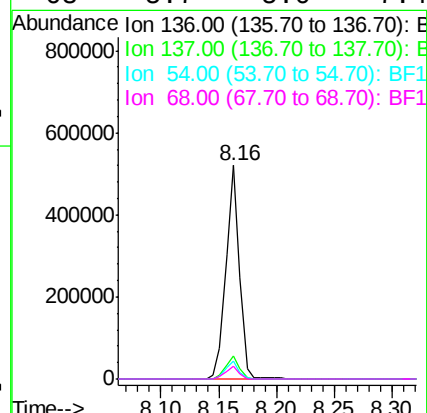
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 5.7 5.0 7.4

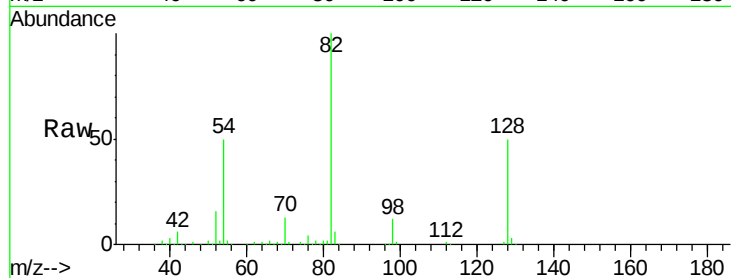




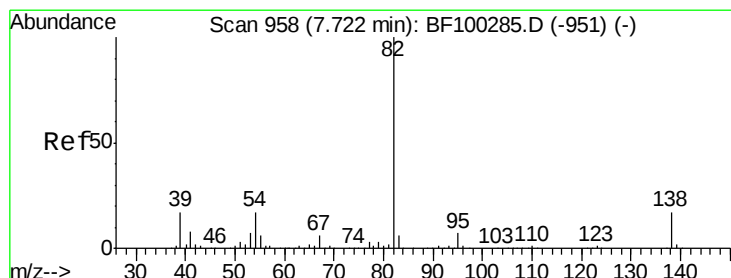
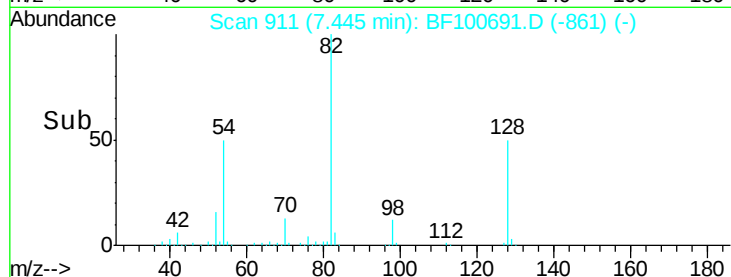
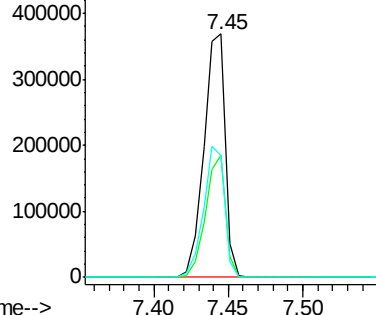
#23
Nitrobenzene-d5
Concen: 58.37 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Instrument :
BNA_F
ClientSampleID :
SP-1-C

Tgt Ion: 82 Resp: 372757
Ion Ratio Lower Upper
82 100
128 50.3 36.1 54.1
54 50.4 41.4 62.2

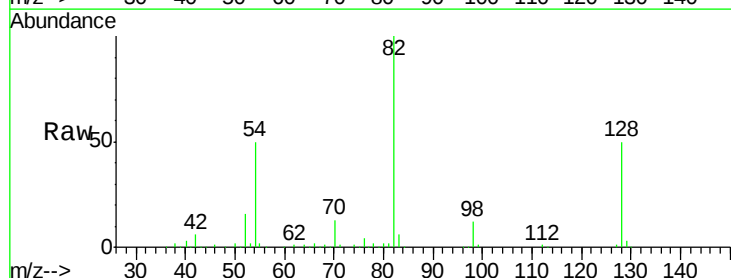


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

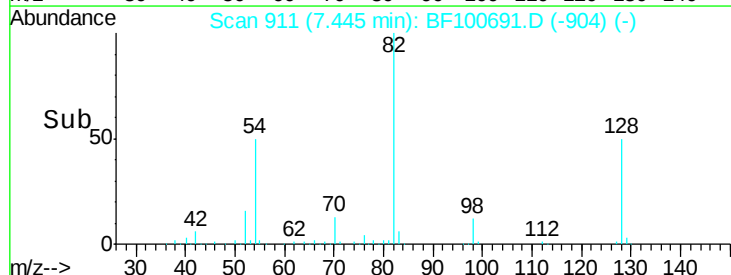
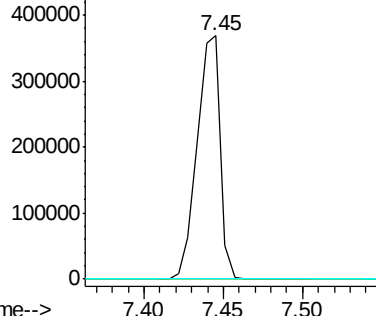


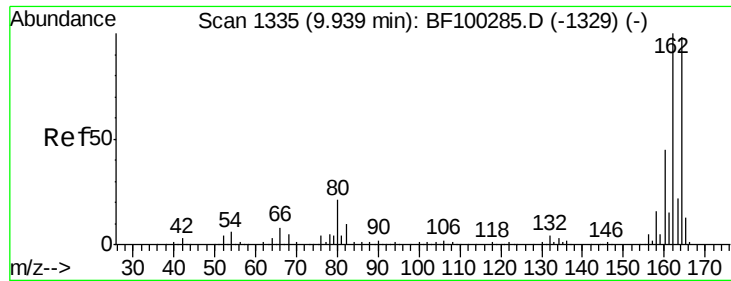
#25
Isophorone
Concen: 27.78 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Tgt Ion: 82 Resp: 372754
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

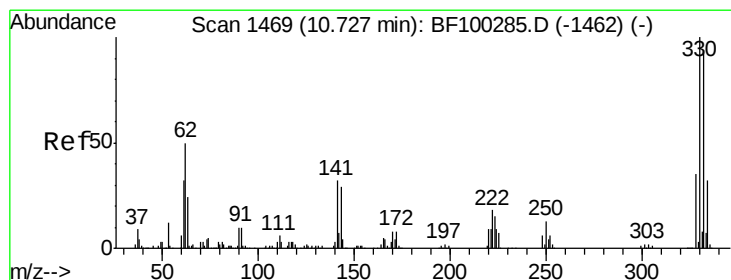
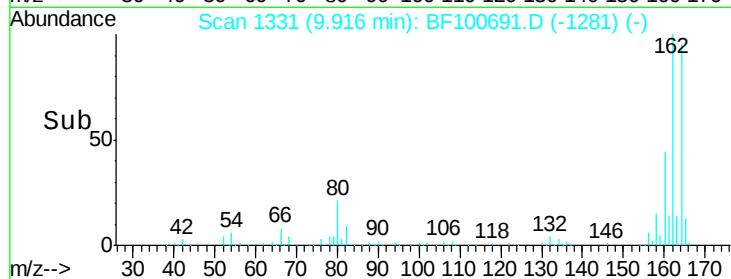
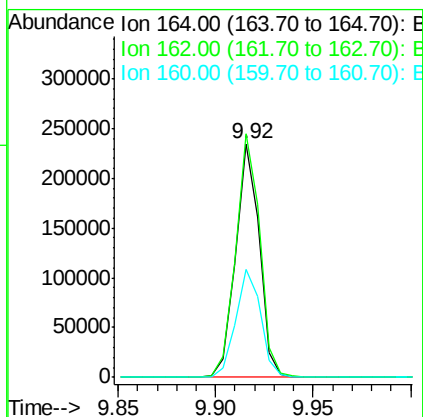
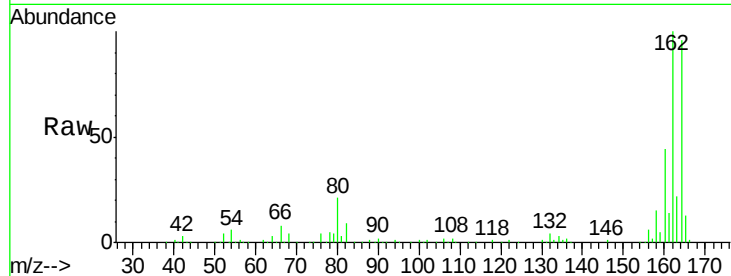




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

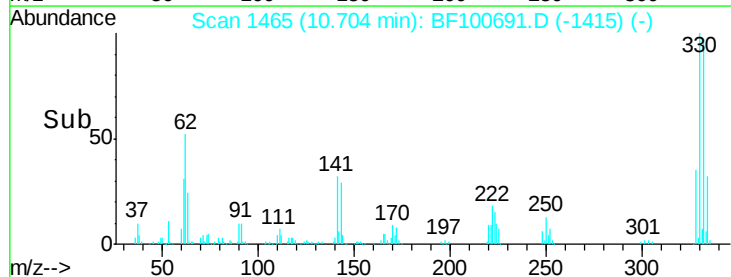
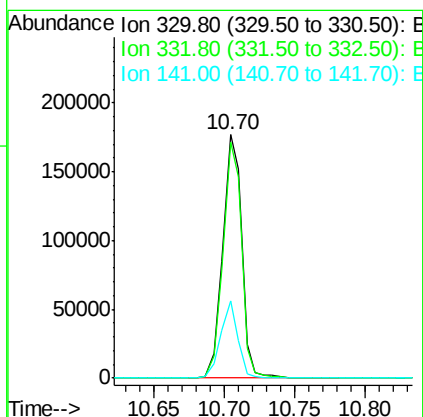
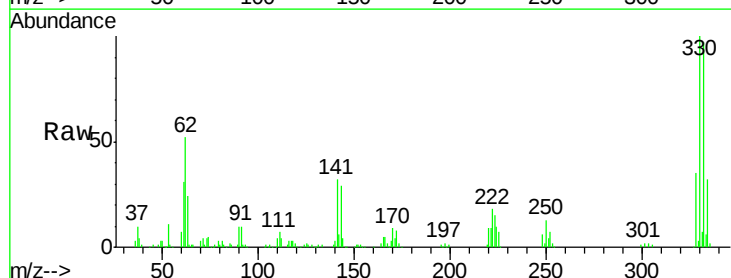
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

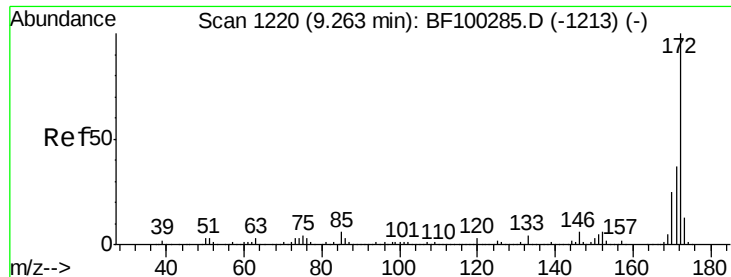
Tgt Ion:164 Resp: 197160
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.49 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

Tgt Ion:330 Resp: 165733
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 28.8 29.9 44.9#

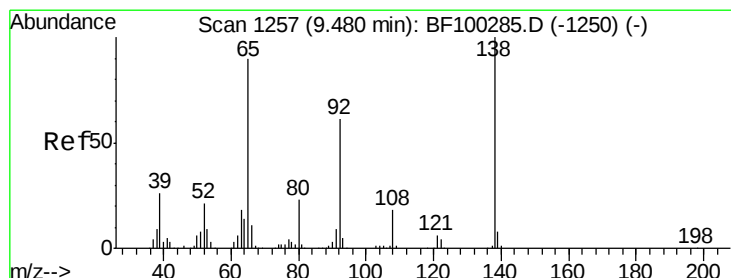
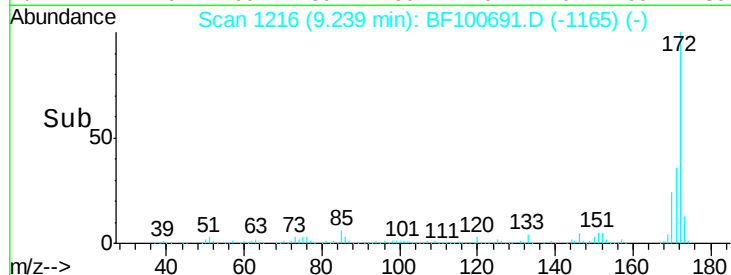
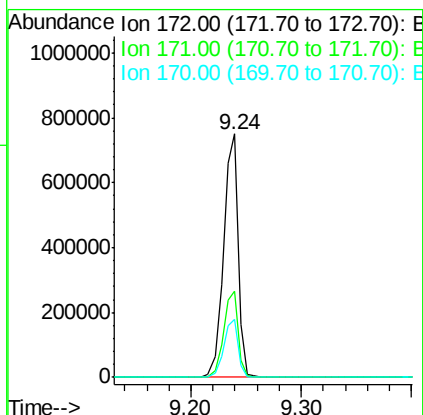
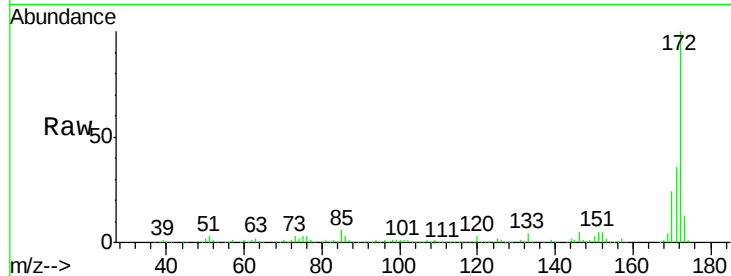




#44
2-Fluorobiphenyl
Concen: 53.46 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

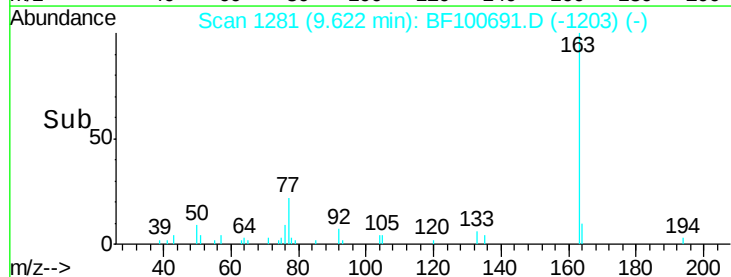
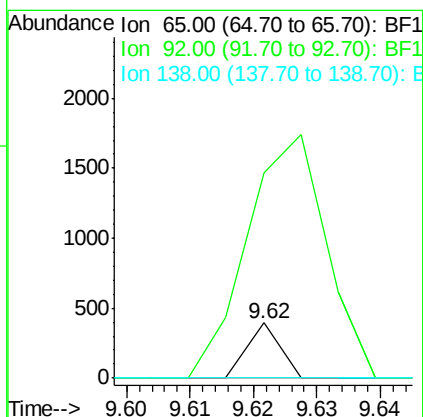
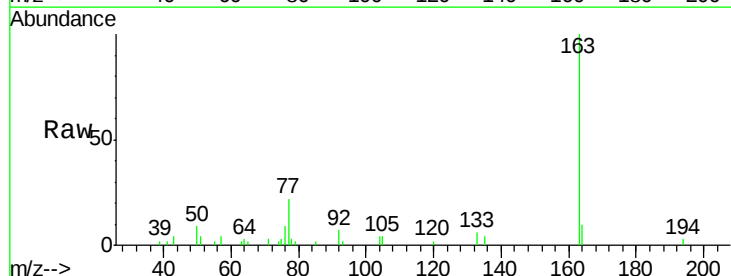
Instrument :
BNA_F
ClientSampled :
SP-1-C

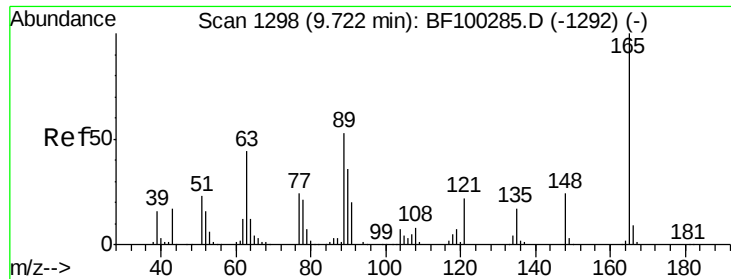
Tgt Ion: 172 Resp: 692232
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.7 19.6 29.4



#47
2-Nitroaniline
Concen: 2.82 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Tgt Ion: 65 Resp: 139
Ion Ratio Lower Upper
65 100
92 370.9 55.8 83.6#
138 0.0 91.2 136.8#

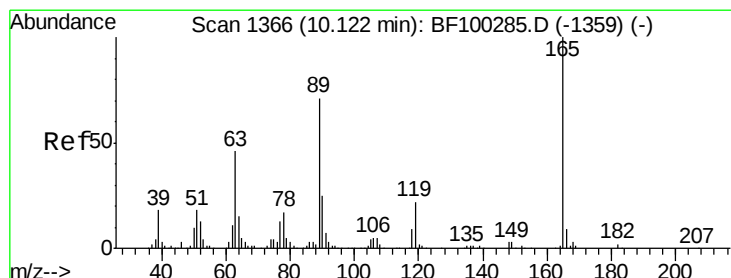
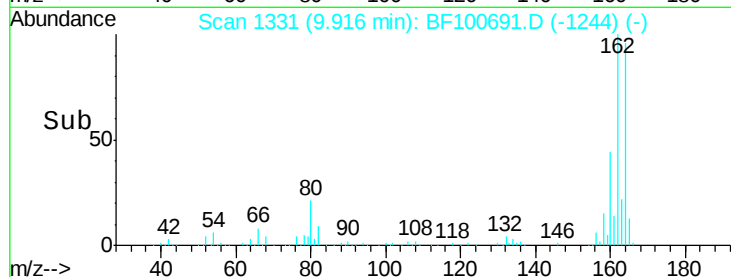
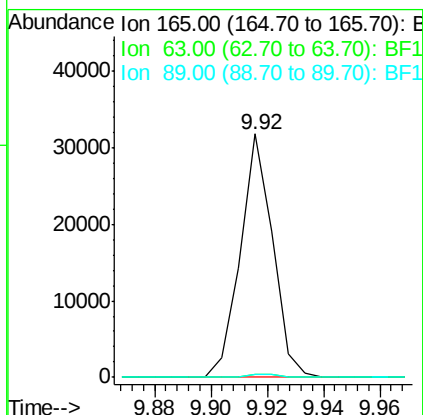
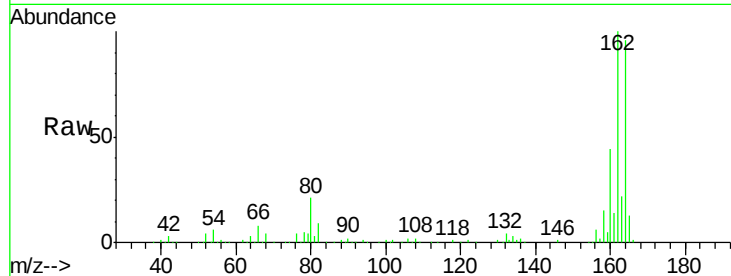




#50
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

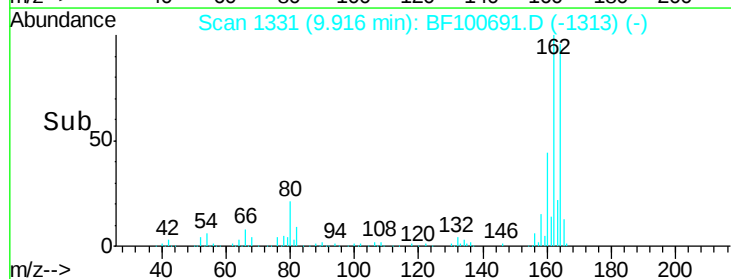
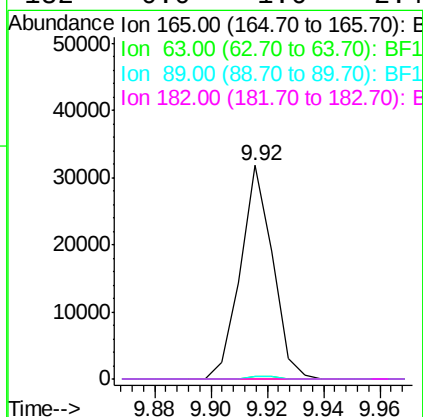
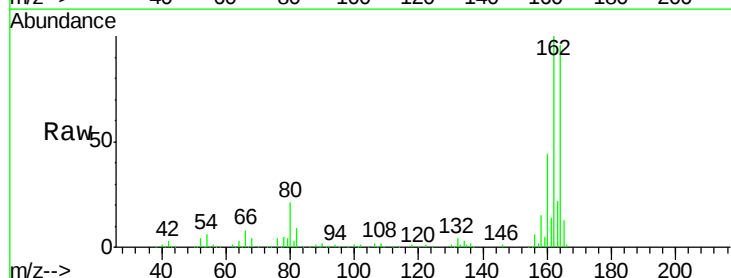
Instrument :
BNA_F
ClientSampleId :
SP-1-C

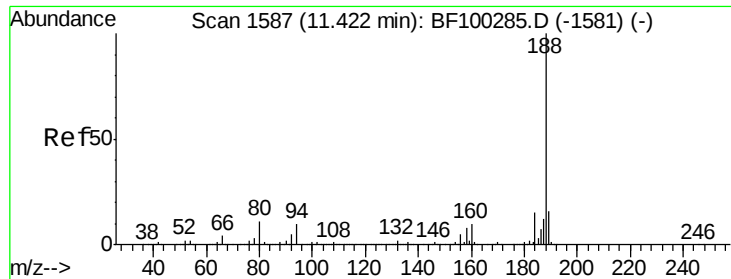
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.70 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

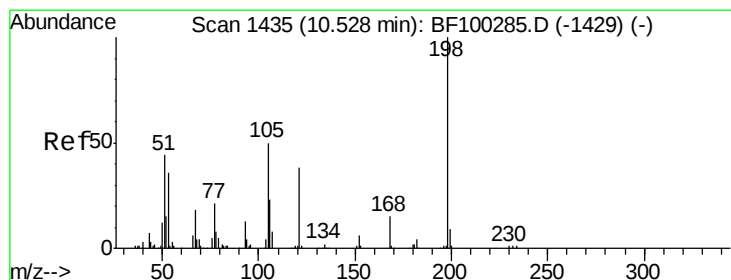
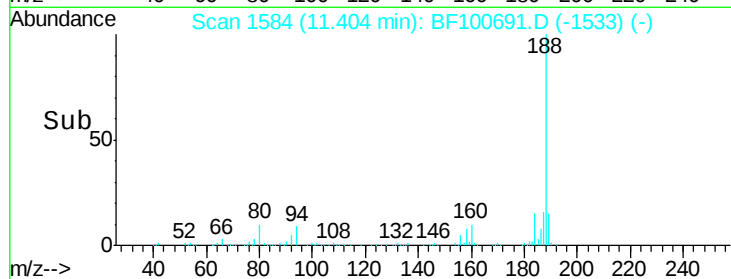
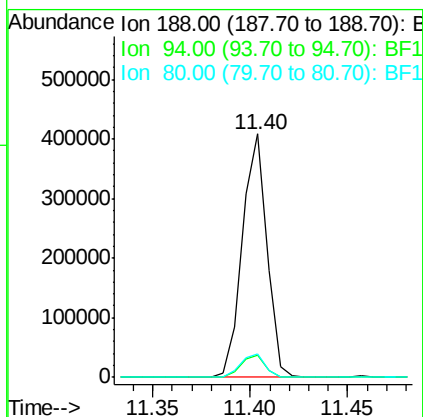
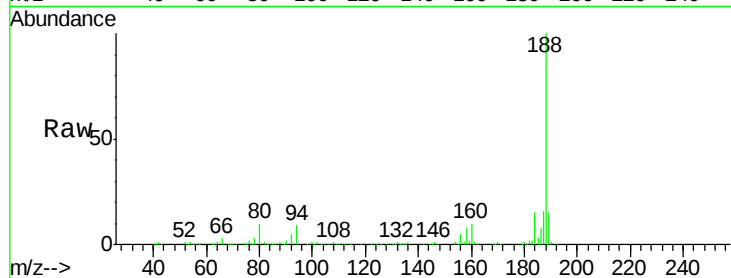




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

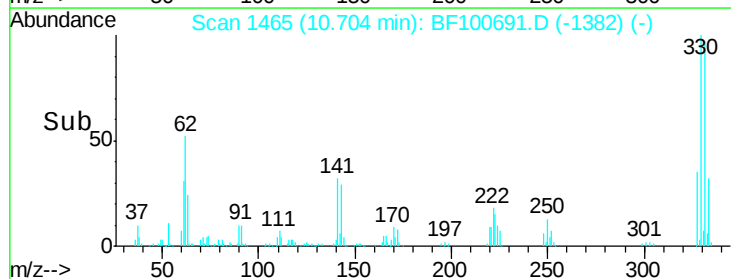
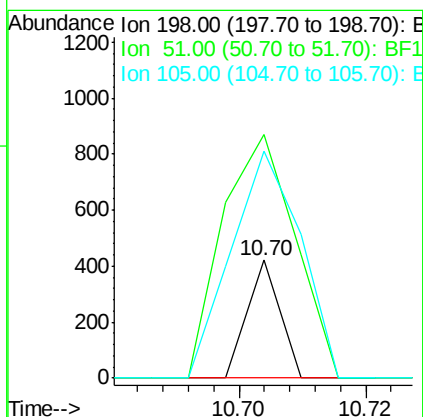
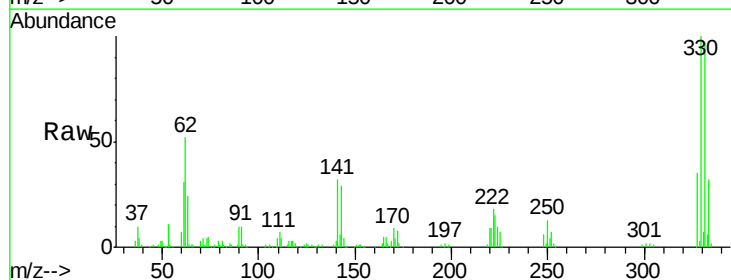
Instrument :
BNA_F
ClientSampleId :
SP-1-C

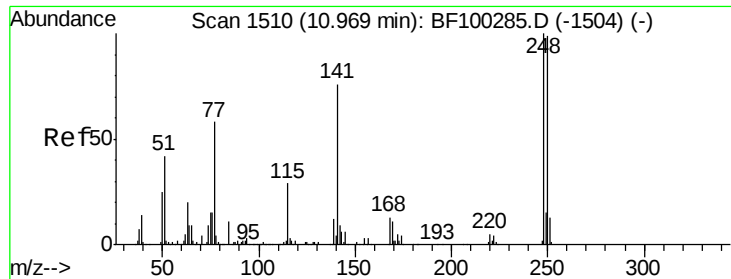
Tgt Ion:188 Resp: 357310
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.64 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF100691.D
Acq: 17 Nov 2017 23:18

Tgt Ion:198 Resp: 149
Ion Ratio Lower Upper
198 100
51 206.2 37.7 77.7#
105 192.7 36.3 76.3#

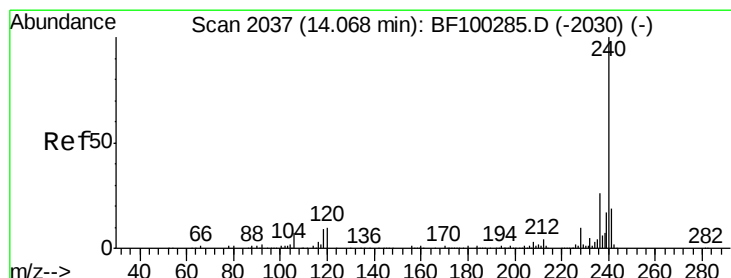
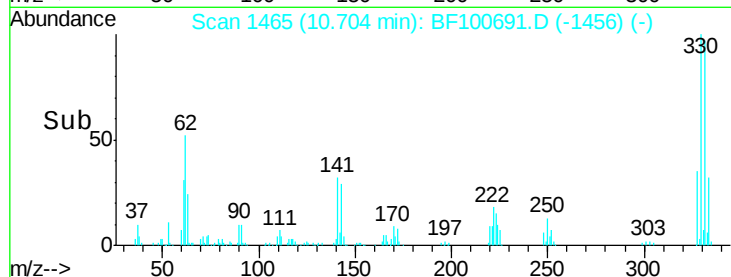
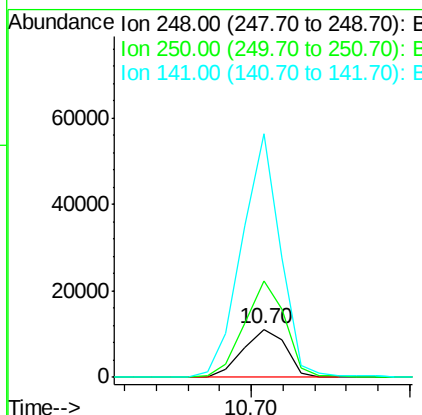
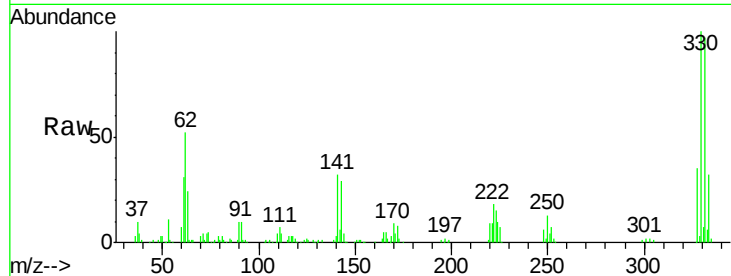




#66
 4-Bromophenyl-phenylether
 Concen: 2.70 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

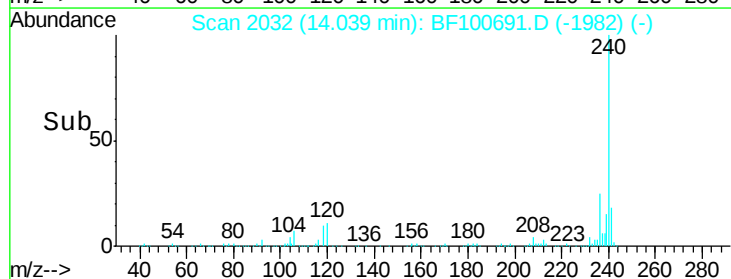
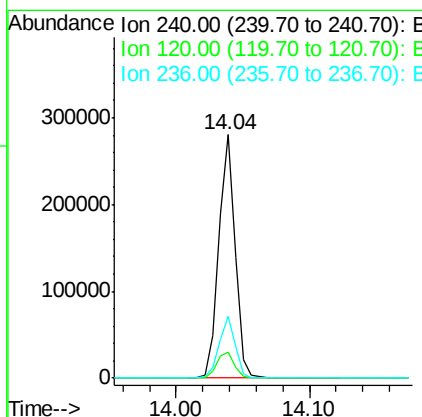
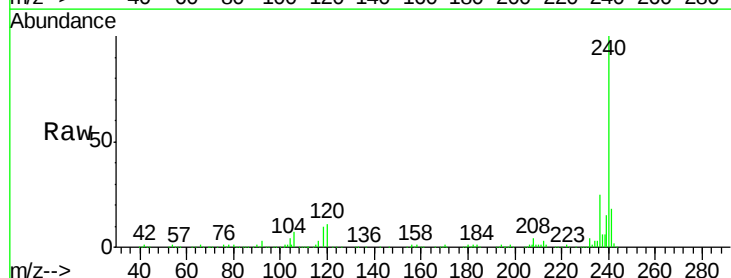
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-C

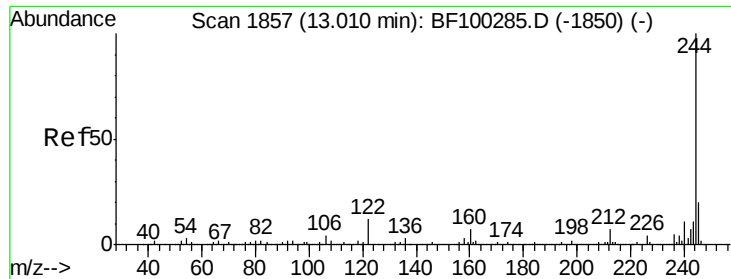
Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.7	76.9	115.3#
141	506.4	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF100691.D
 Acq: 17 Nov 2017 23:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.4	20.7	31.1





#78

Terphenyl-d14

Concen: 51.25 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

SP-1-C

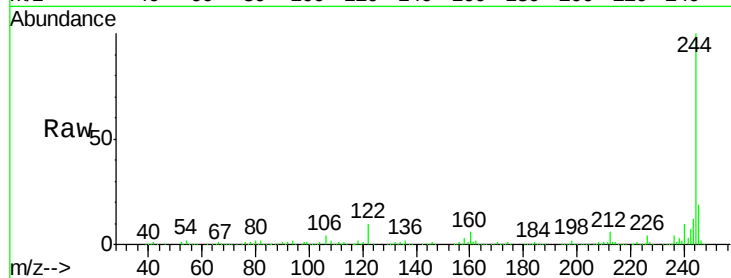
Tgt Ion:244 Resp: 545083

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

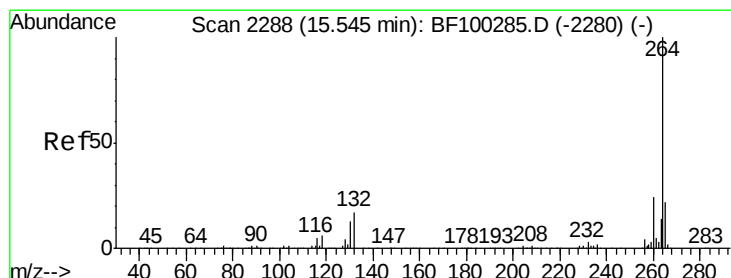
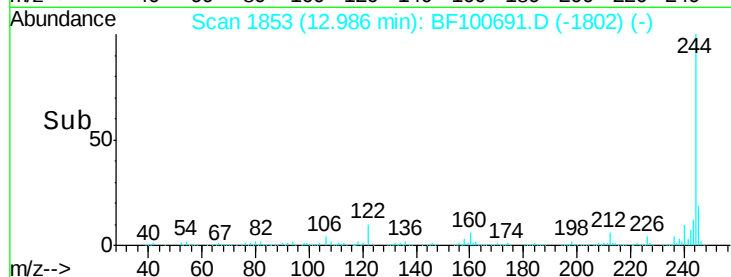
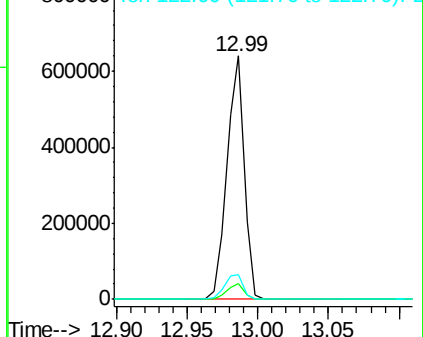
122 10.2 11.0 16.4#



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: 20.00 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100691.D

Acq: 17 Nov 2017 23:18

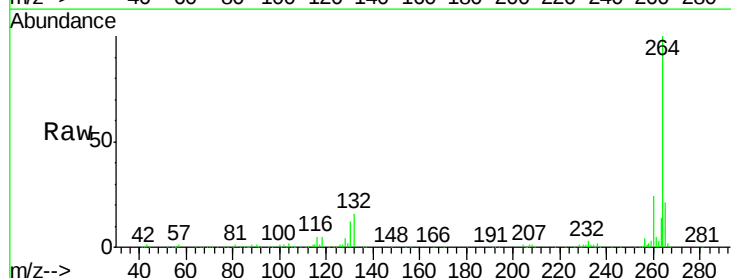
Tgt Ion:264 Resp: 238443

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 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

